

Data Path : Z:\HPCHEM1\BNA E\DATA\BE070317\
 Data File : BE093420.D
 Acq On : 3 Jul 2017 9:18
 Operator : SJ/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Jul 03 15:04:52 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE070217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 03 06:40:23 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.94	152	3399	0.40	ng	0.00
7) Naphthalene-d8	10.72	136	15484	0.40	ng	0.00
13) Acenaphthene-d10	14.54	164	8712	0.40	ng	0.00
19) Phenanthrene-d10	17.27	188	26093	0.40	ng	0.00
27) Chrysene-d12	21.43	240	35422	0.40	ng	0.00
34) Perylene-d12	23.94	264	30309	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.53	112	3831	0.37	ng	0.00
5) Phenol-d6	7.10	99	5492	0.36	ng	0.00
8) Nitrobenzene-d5	9.08	82	3770	0.38	ng	0.00
11) 2-Methylnaphthalene-d10	12.31	152	9237	0.37	ng	0.00
14) 2,4,6-Tribromophenol	16.03	330	812	0.30	ng	0.00
15) 2-Fluorobiphenyl	13.18	172	13737	0.41	ng	0.00
25) Fluoranthene-d10	19.29	212	121855	0.39	ng	0.00
29) Terphenyl-d14	19.87	244	23387	0.37	ng	0.00

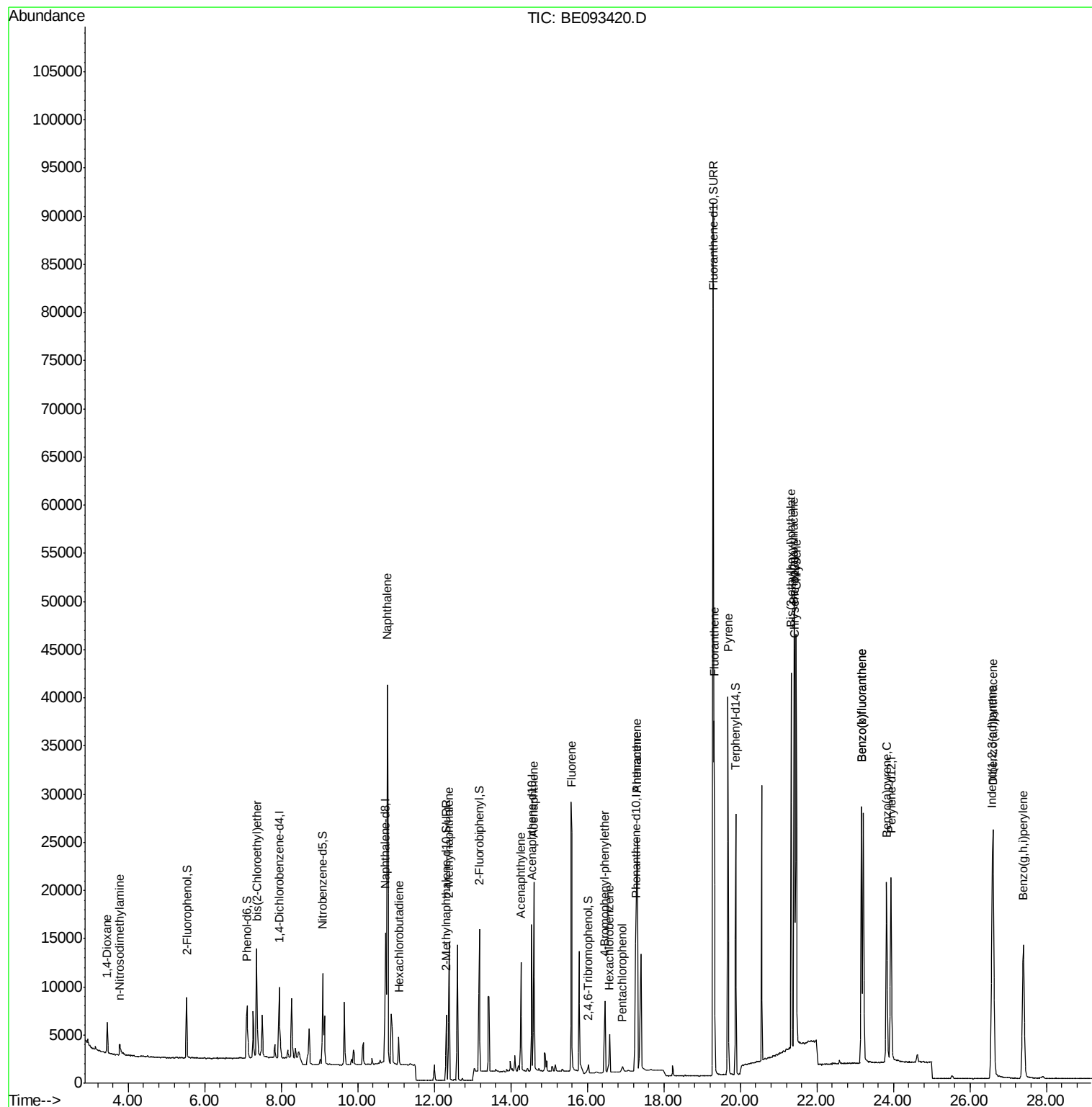
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.45	88	2693	0.37	ng	96
3) n-Nitrosodimethylamine	3.76	42	1301	0.37	ng	86
6) bis(2-Chloroethyl)ether	7.36	93	4322	0.38	ng	# 96
9) Naphthalene	10.77	128	63577	0.39	ng	# 73
10) Hexachlorobutadiene	11.08	225	2373	0.39	ng	96
12) 2-Methylnaphthalene	12.38	142	10156	0.37	ng	95
16) Acenaphthylene	14.26	152	13242	0.36	ng	# 88
17) Acenaphthene	14.60	154	10157	0.38	ng	99
18) Fluorene	15.59	166	13835	0.38	ng	# 86
20) 4-Bromophenyl-phenylether	16.45	248	5494	0.38	ng	# 23
21) Hexachlorobenzene	16.58	284	5697	0.37	ng	# 100
22) Pentachlorophenol	16.91	266	598	0.29	ng	# 81
23) Phenanthrene	17.30	178	36006	0.38	ng	99
24) Anthracene	17.30	178	36916	0.63	ng	99
26) Fluoranthene	19.32	202	34823	0.39	ng	98
28) Pyrene	19.67	202	36022	0.36	ng	# 100
30) Benzo(a)anthracene	21.40	228	36193	0.38	ng	93
31) Chrysene	21.46	228	38699	0.39	ng	94
32) Bis(2-ethylhexyl)phthalate	21.33	149	46067	0.33	ng	# 66
33) Indeno(1,2,3-cd)pyrene	26.58	276	37094	0.42	ng	95
35) Benzo(b)fluoranthene	23.16	252	36739	0.38	ng	# 96
36) Benzo(k)fluoranthene	23.16	252	36758	0.38	ng	96
37) Benzo(a)pyrene	23.82	252	32298	0.38	ng	95
38) Dibenzo(a,h)anthracene	26.60	278	33128	0.40	ng	# 92
39) Benzo(g,h,i)perylene	27.40	276	33354	0.40	ng	92

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
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Quant Time: Jul 03 15:04:52 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE070217.M
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QLast Update : Mon Jul 03 06:40:23 2017
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.40 ng

RT: 7.94 min Scan# 404

Delta R.T. -0.00 min

Lab File: BE093420.D

Acq: 3 Jul 2017 9:18

Instrument :

BNA_E

ClientSampleId :

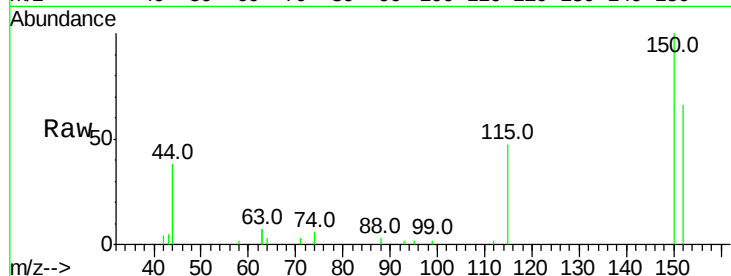
Tot Ion:152 Resp: 3399

Ion Ratio Lower Upper

152 100

150 151.2 125.1 187.7

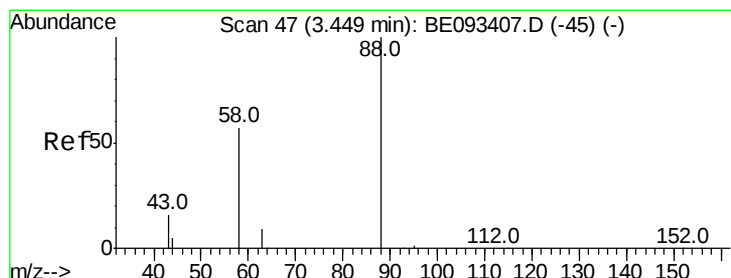
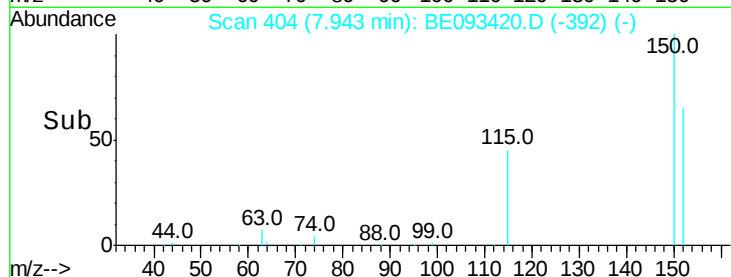
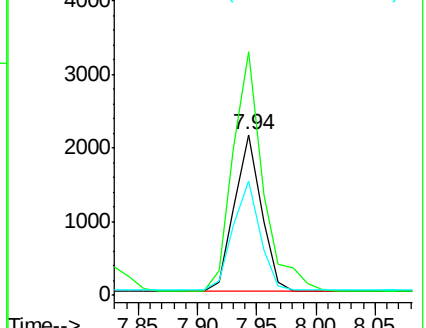
115 70.8 55.7 83.5



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 0.37 ng

RT: 3.45 min Scan# 47

Delta R.T. -0.00 min

Lab File: BE093420.D

Acq: 3 Jul 2017 9:18

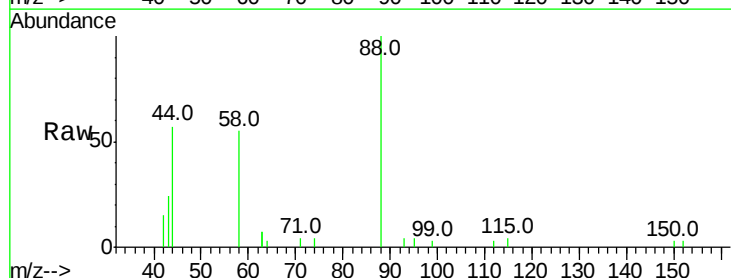
Tgt Ion: 88 Resp: 2693

Ion Ratio Lower Upper

88 100

58 82.2 62.2 93.4

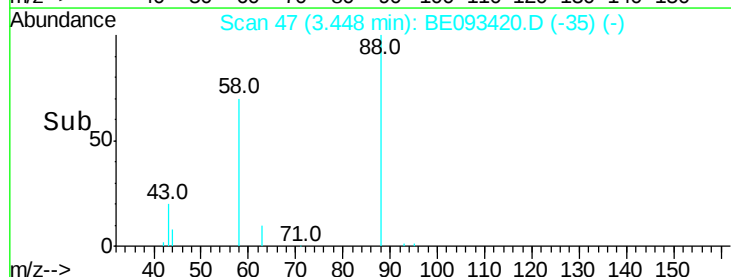
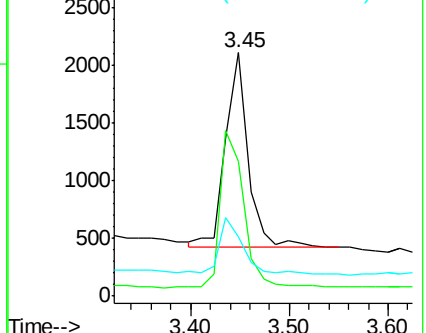
43 30.4 23.2 34.8



Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0



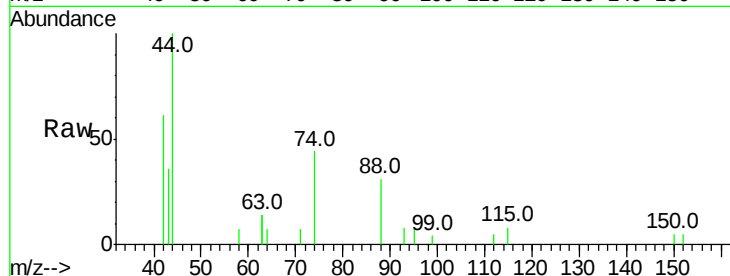


#3

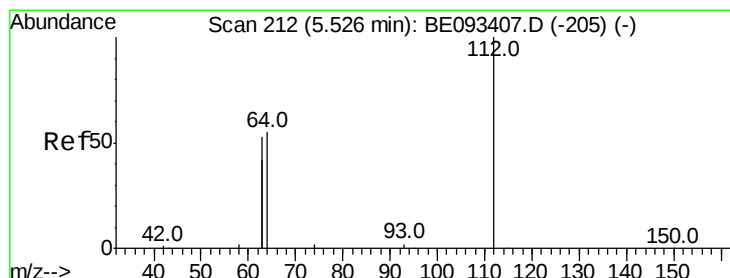
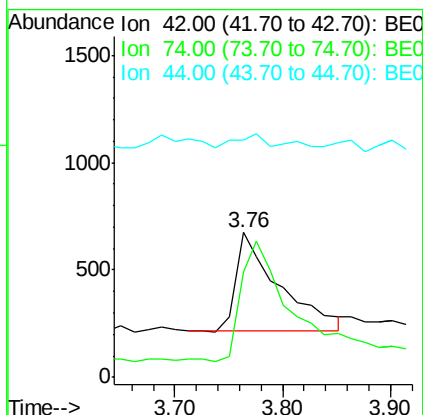
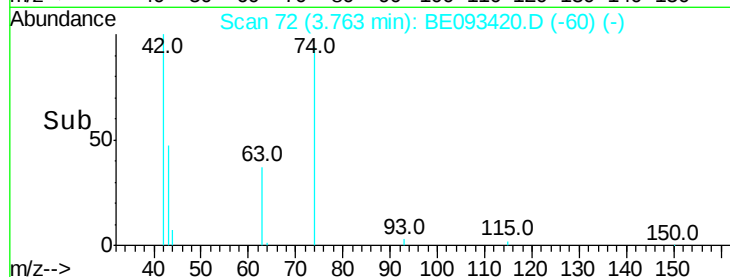
n-Nitrosodimethylamine
 Concen: 0.37 ng
 RT: 3.76 min Scan# 72
 Delta R.T. 0.00 min
 Lab File: BE093420.D
 Acq: 3 Jul 2017 9:18

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
42	100		
74	141.4	99.1	148.7
44	9.3	7.4	11.2



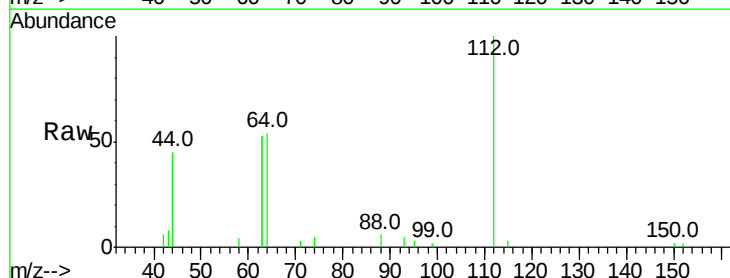
Abundance Ion 42.00 (41.70 to 42.70): BE0
 Ion 74.00 (73.70 to 74.70): BE0
 Ion 44.00 (43.70 to 44.70): BE0



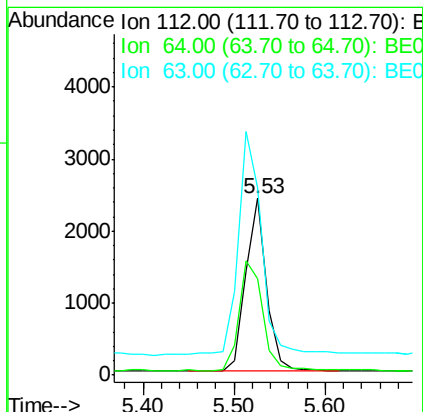
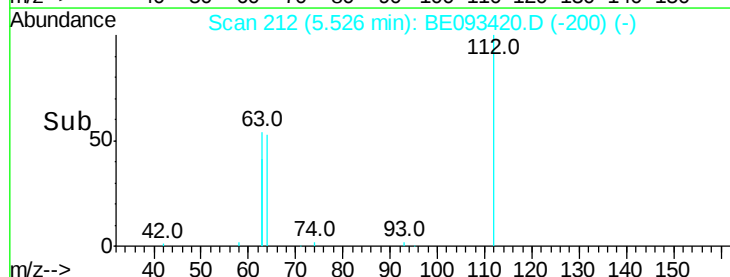
#4

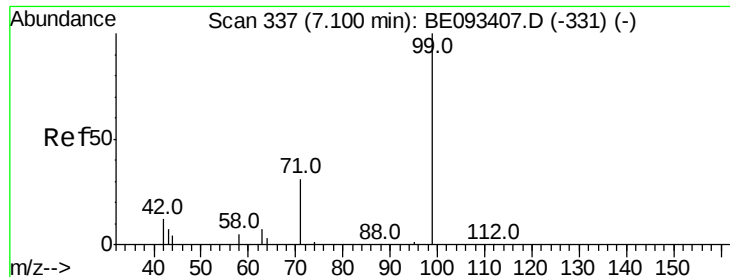
2-Fluorophenol
 Concen: 0.37 ng
 RT: 5.53 min Scan# 212
 Delta R.T. -0.00 min
 Lab File: BE093420.D
 Acq: 3 Jul 2017 9:18

Tgt Ion	Ratio	Lower	Upper
112	100		
64	71.4	56.4	84.6
63	143.1	29.3	43.9#



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BE0
 Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.36 ng

RT: 7.10 min Scan# 337

Delta R.T. -0.00 min

Lab File: BE093420.D

Acq: 3 Jul 2017 9:18

Instrument :

BNA_E

ClientSampled :

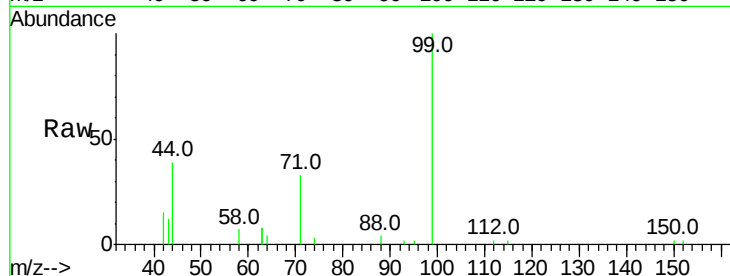
Tot Ion: 99 Resp: 5492

Ion Ratio Lower Upper

99 100

42 20.2 0.0 0.0#

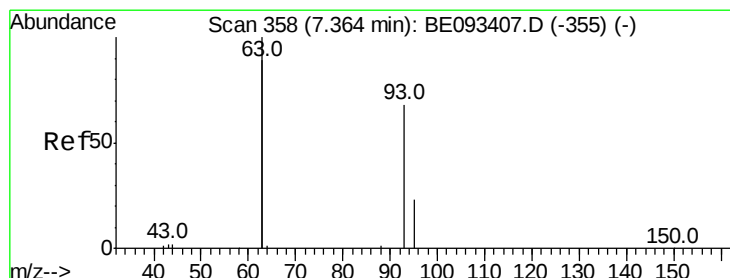
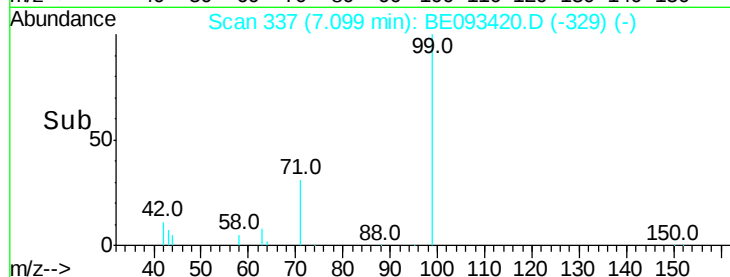
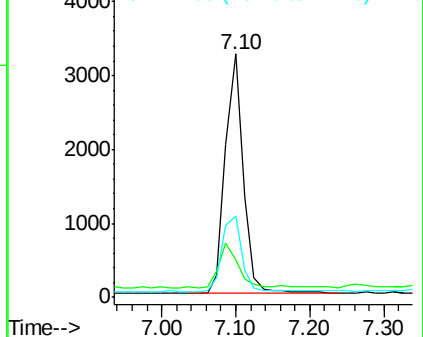
71 35.0 0.0 0.0#



Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0



#6

bis(2-Chloroethyl)ether

Concen: 0.38 ng

RT: 7.36 min Scan# 358

Delta R.T. -0.00 min

Lab File: BE093420.D

Acq: 3 Jul 2017 9:18

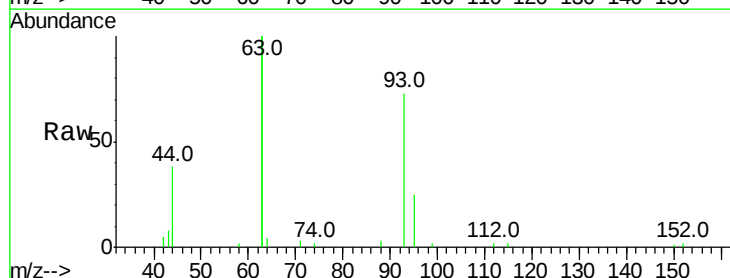
Tgt Ion: 93 Resp: 4322

Ion Ratio Lower Upper

93 100

63 352.1 0.0 0.0#

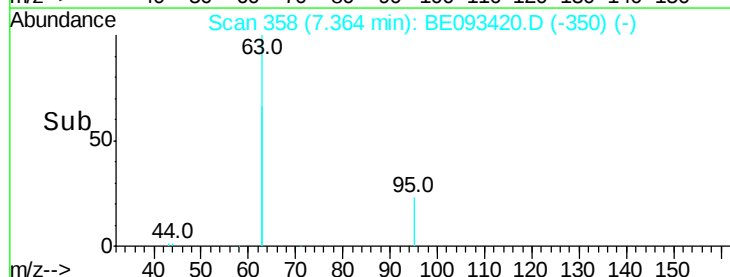
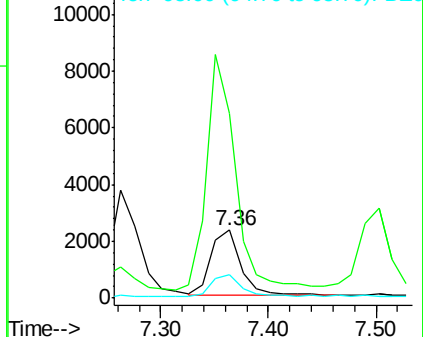
95 33.8 25.4 38.0

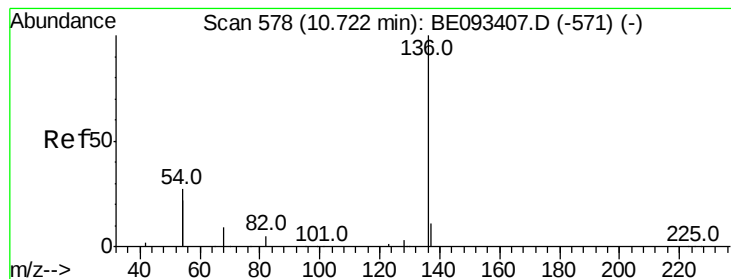


Abundance Ion 93.00 (92.70 to 93.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0





#7

Naphthalene-d8

Concen: 0.40 ng

RT: 10.72 min Scan# 578

Delta R.T. 0.00 min

Lab File: BE093420.D

Acq: 3 Jul 2017 9:18

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 15484

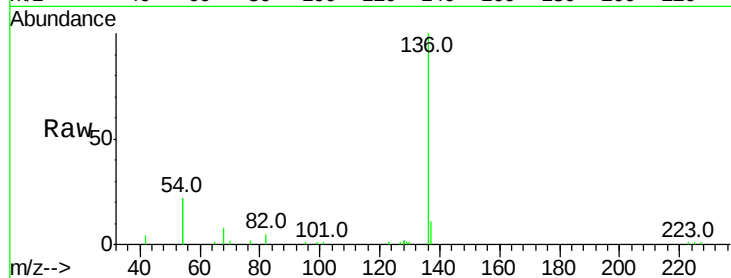
Ion Ratio Lower Upper

136 100

137 11.0 9.8 14.8

54 43.8 10.3 15.5#

68 8.4 9.0 13.4#

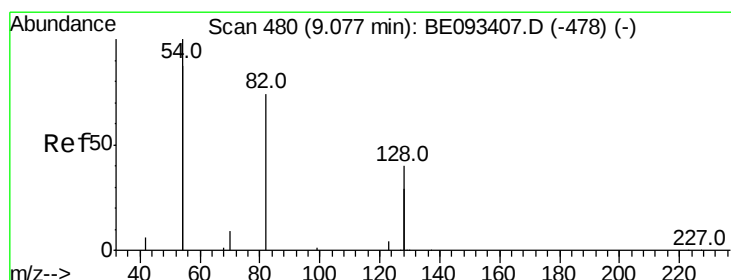
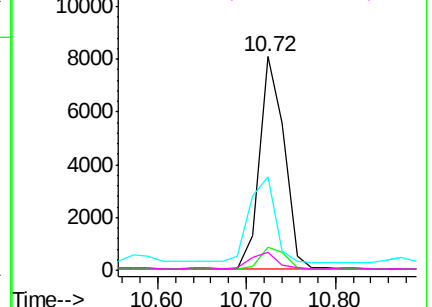
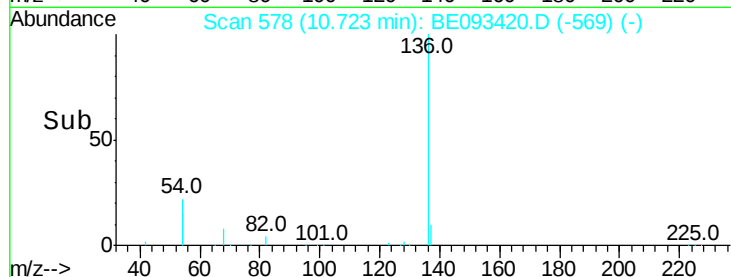


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0



#8

Nitrobenzene-d5

Concen: 0.38 ng

RT: 9.08 min Scan# 480

Delta R.T. 0.00 min

Lab File: BE093420.D

Acq: 3 Jul 2017 9:18

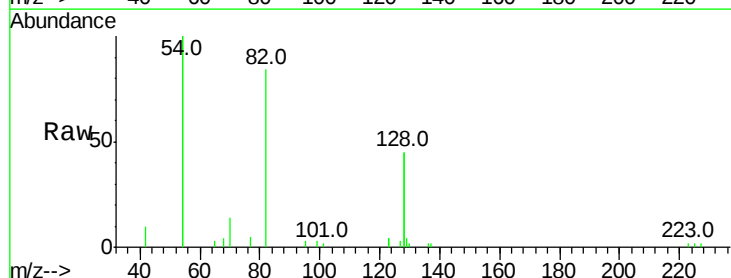
Tgt Ion: 82 Resp: 3770

Ion Ratio Lower Upper

82 100

128 107.0 17.0 25.4#

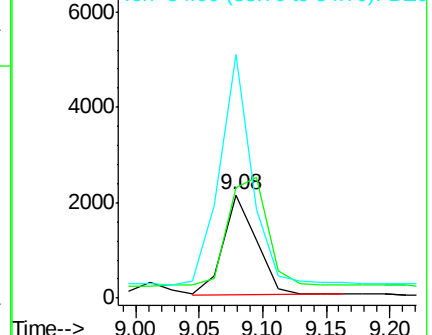
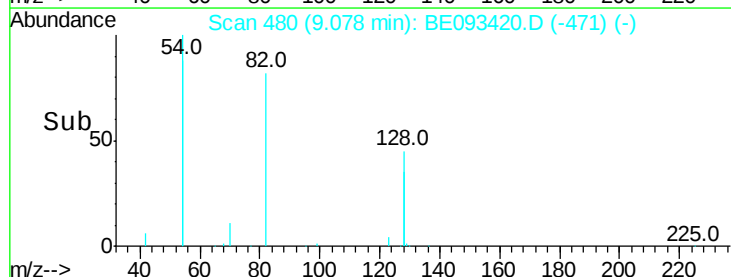
54 236.8 53.8 80.6#

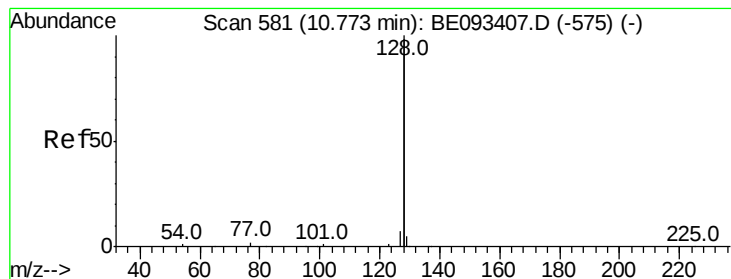


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.39 ng

RT: 10.77 min Scan# 581

Delta R.T. 0.00 min

Lab File: BE093420.D

Acq: 3 Jul 2017 9:18

Instrument :

BNA_E

ClientSampled :

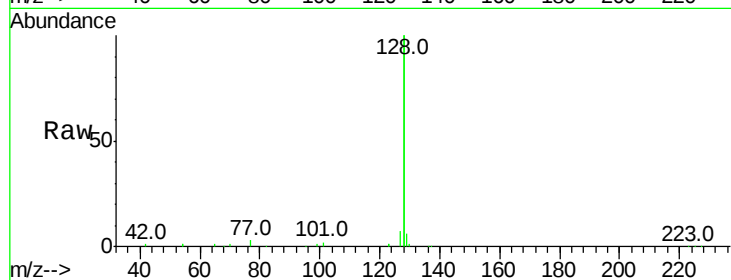
Tot Ion:128 Resp: 63577

Ion Ratio Lower Upper

128 100

129 2.8 11.4 17.0#

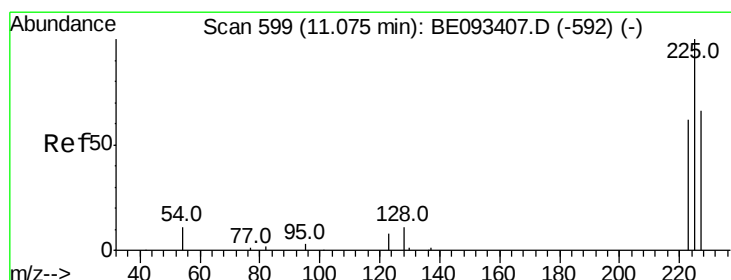
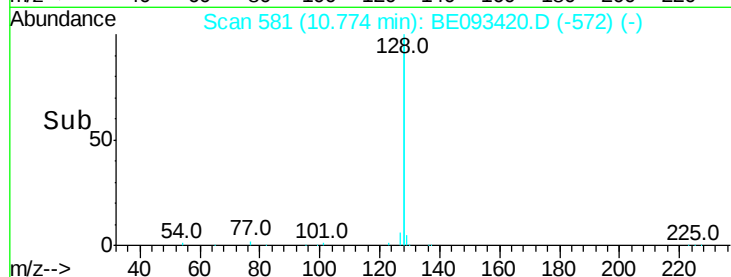
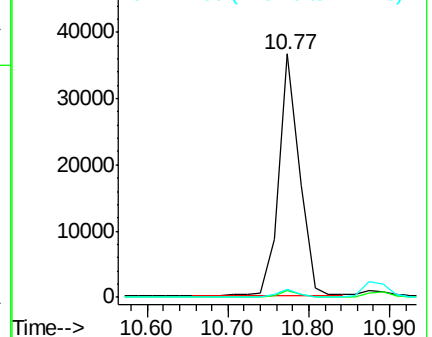
127 3.4 11.2 16.8#



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#10

Hexachlorobutadiene

Concen: 0.39 ng

RT: 11.08 min Scan# 599

Delta R.T. 0.00 min

Lab File: BE093420.D

Acq: 3 Jul 2017 9:18

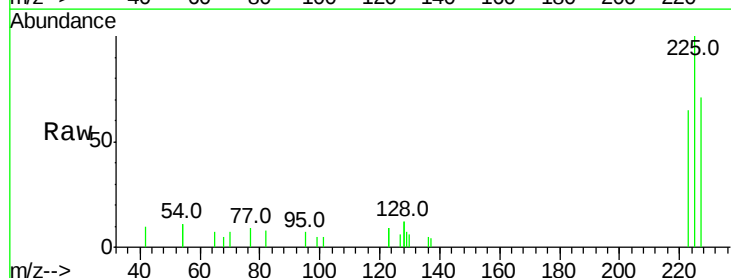
Tgt Ion:225 Resp: 2373

Ion Ratio Lower Upper

225 100

223 65.9 49.7 74.5

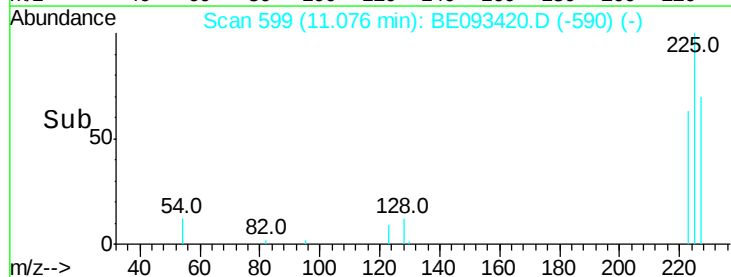
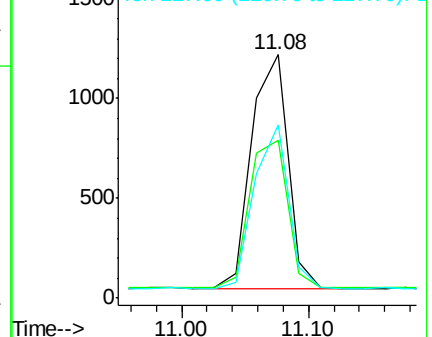
227 66.0 50.3 75.5

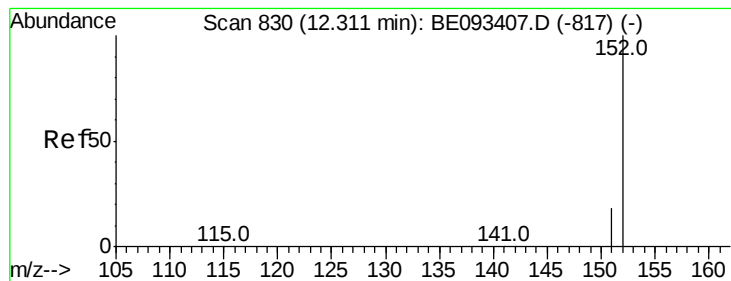


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.37 ng

RT: 12.31 min Scan# 830

Delta R.T. -0.00 min

Lab File: BE093420.D

Acq: 3 Jul 2017 9:18

Instrument :

BNA_E

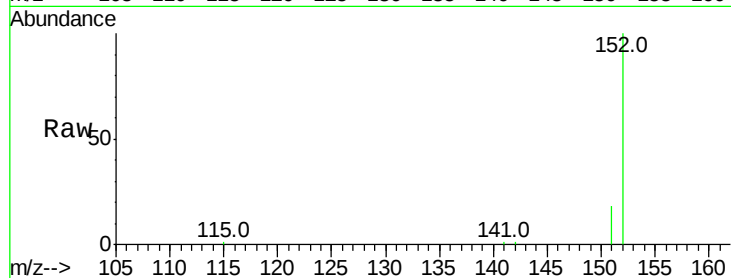
ClientSampleId :

Tot Ion:152 Resp: 9237

Ion Ratio Lower Upper

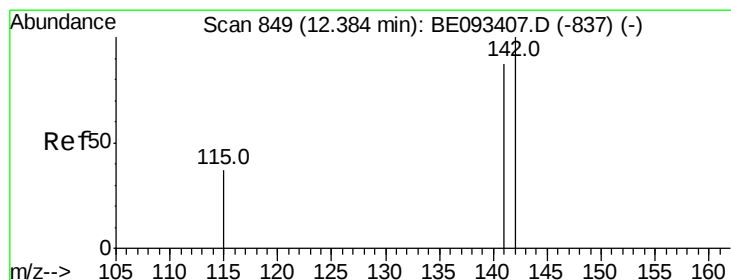
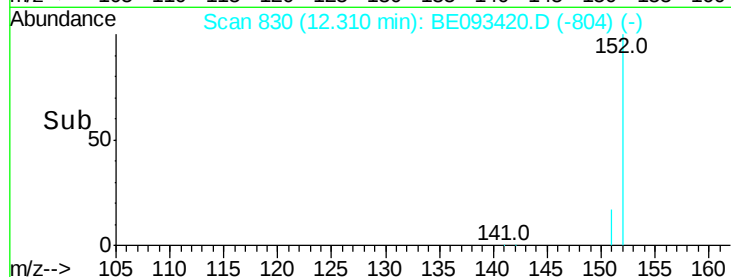
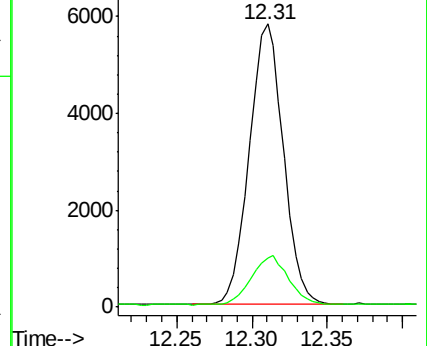
152 100

151 18.9 15.1 22.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#12

2-Methylnaphthalene

Concen: 0.37 ng

RT: 12.38 min Scan# 849

Delta R.T. -0.00 min

Lab File: BE093420.D

Acq: 3 Jul 2017 9:18

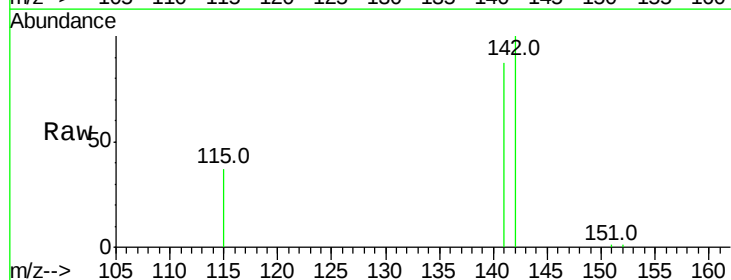
Tgt Ion:142 Resp: 10156

Ion Ratio Lower Upper

142 100

141 86.8 72.6 108.8

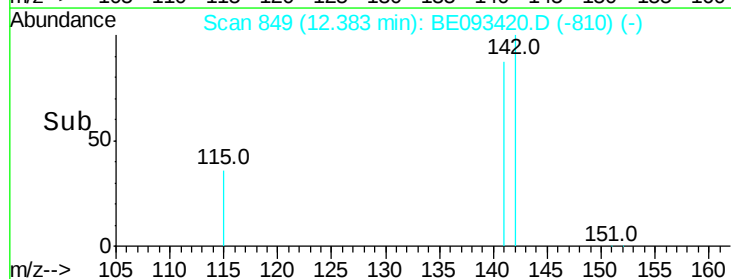
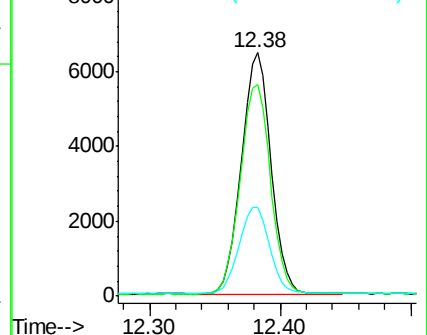
115 36.6 32.2 48.2

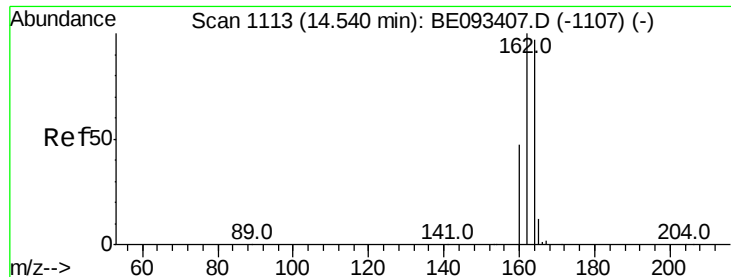


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

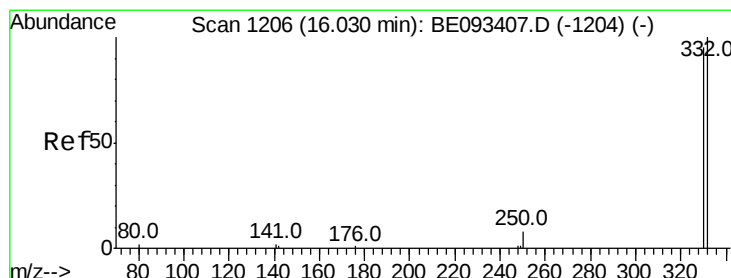
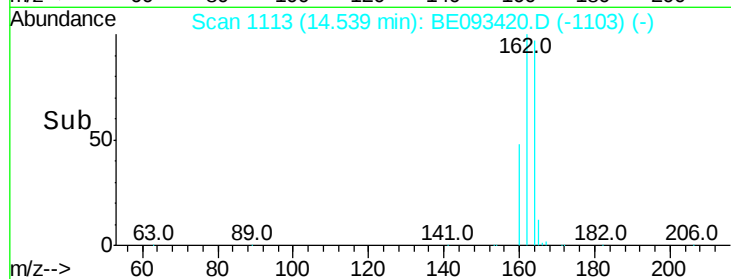
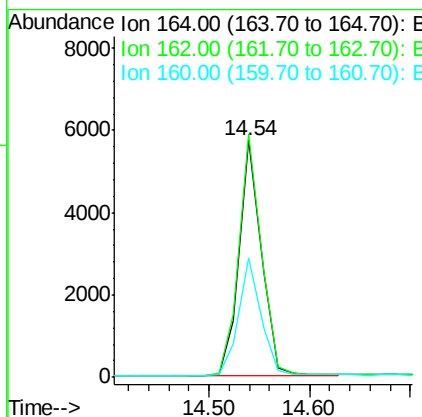
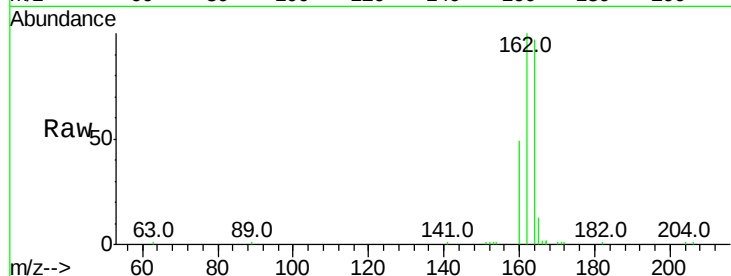




#13
 Acenaphthene-d10
 Concen: 0.40 ng
 RT: 14.54 min Scan# 1113
 Delta R.T. -0.00 min
 Lab File: BE093420.D
 Acq: 3 Jul 2017 9:18

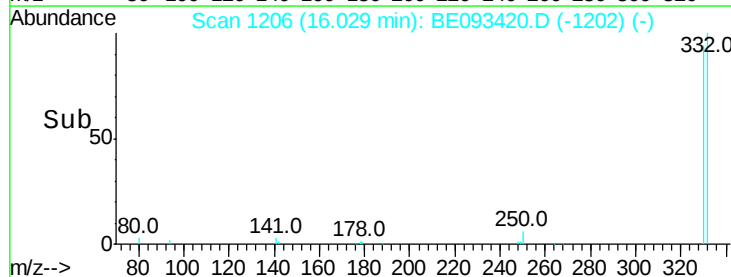
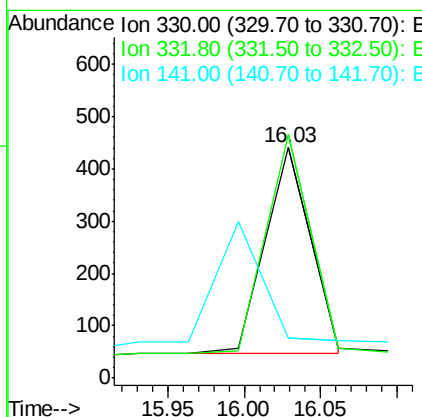
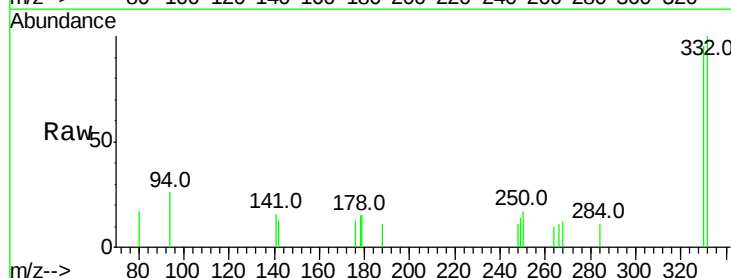
Instrument :
 BNA_E
 ClientSampleId :

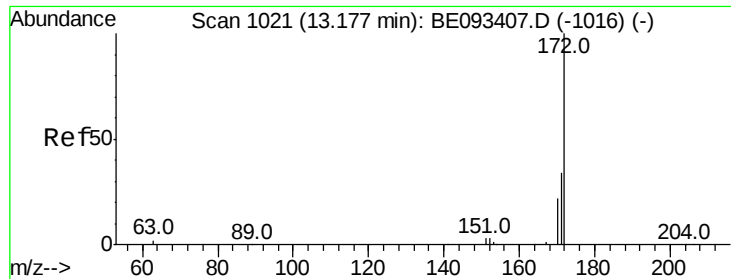
Tot Ion:164 Resp: 8712
 Ion Ratio Lower Upper
 164 100
 162 102.8 84.6 127.0
 160 50.2 41.8 62.6



#14
 2,4,6-Tribromophenol
 Concen: 0.30 ng
 RT: 16.03 min Scan# 1206
 Delta R.T. -0.00 min
 Lab File: BE093420.D
 Acq: 3 Jul 2017 9:18

Tgt Ion:330 Resp: 812
 Ion Ratio Lower Upper
 330 100
 332 105.0 77.7 116.5
 141 0.0 56.2 84.4#

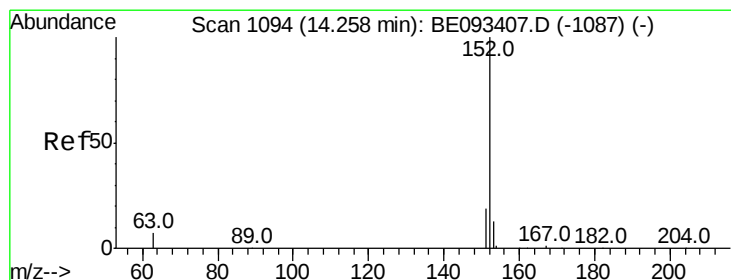
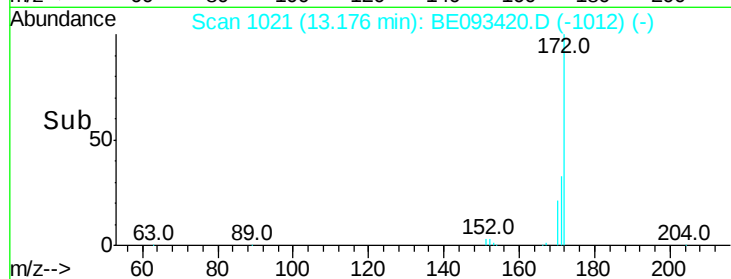
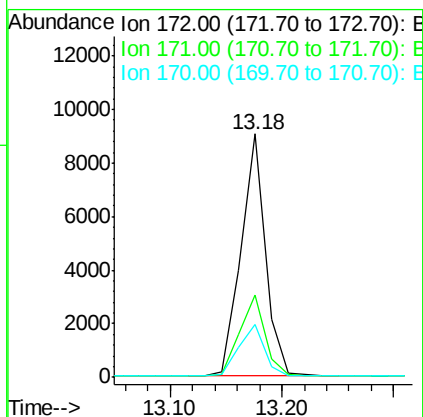
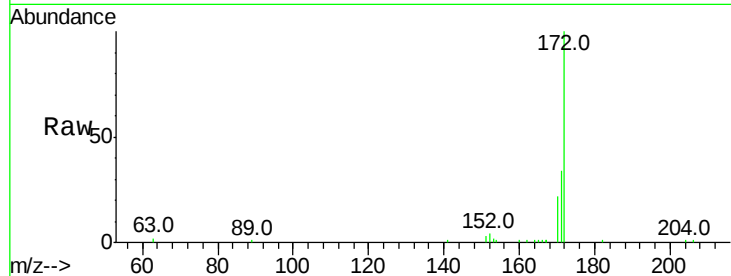




#15
2-Fluorobiphenyl
Concen: 0.41 ng
RT: 13.18 min Scan# 1021
Delta R.T. -0.00 min
Lab File: BE093420.D
Acq: 3 Jul 2017 9:18

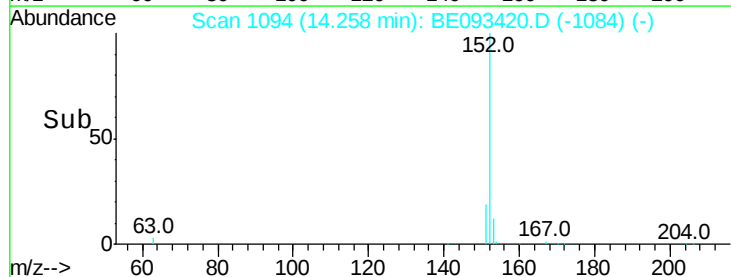
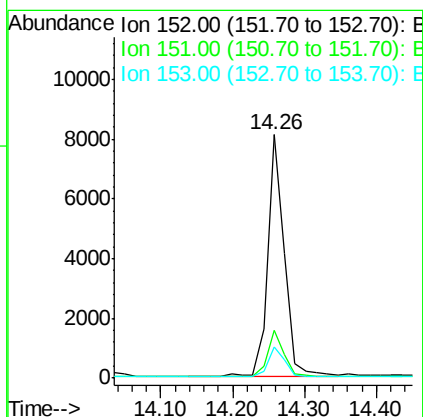
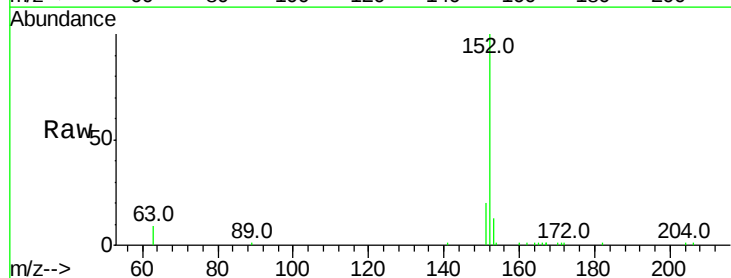
Instrument :
BNA_E
ClientSampleId :

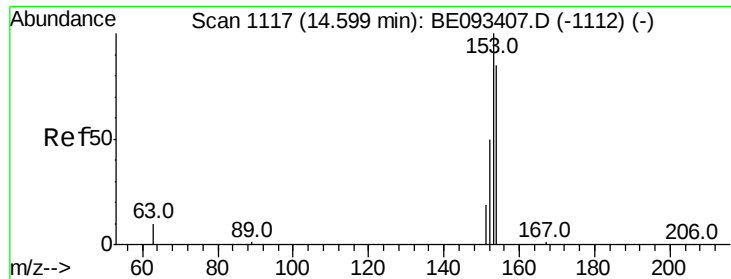
Tot Ion:172 Resp: 13737
Ion Ratio Lower Upper
172 100
171 33.8 29.8 44.6
170 21.6 20.7 31.1



#16
Acenaphthylene
Concen: 0.36 ng
RT: 14.26 min Scan# 1094
Delta R.T. -0.00 min
Lab File: BE093420.D
Acq: 3 Jul 2017 9:18

Tgt Ion:152 Resp: 13242
Ion Ratio Lower Upper
152 100
151 18.9 4.0 6.0#
153 12.6 10.3 15.5

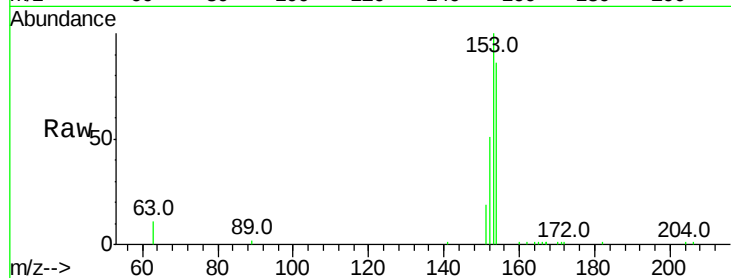




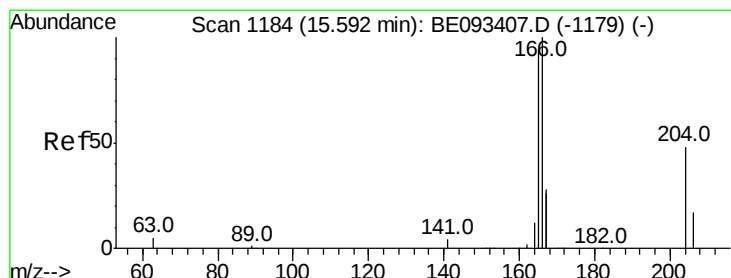
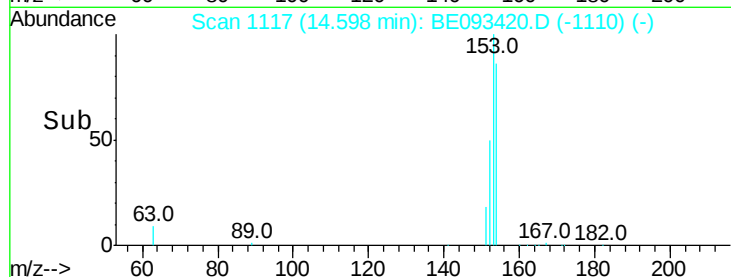
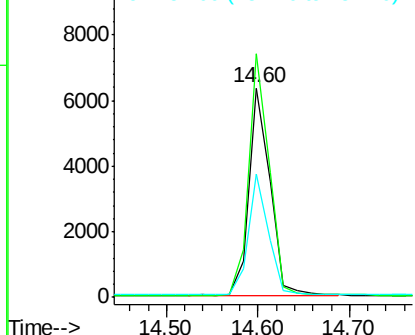
#17
Acenaphthene
Concen: 0.38 ng
RT: 14.60 min Scan# 1117
Delta R.T. -0.00 min
Lab File: BE093420.D
Acq: 3 Jul 2017 9:18

Instrument :
BNA_E
ClientSampleId :

Tot Ion:154 Resp: 10157
Ion Ratio Lower Upper
154 100
153 112.9 91.2 136.8
152 55.7 44.8 67.2

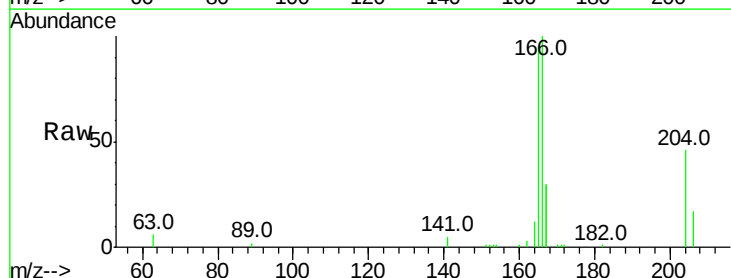


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

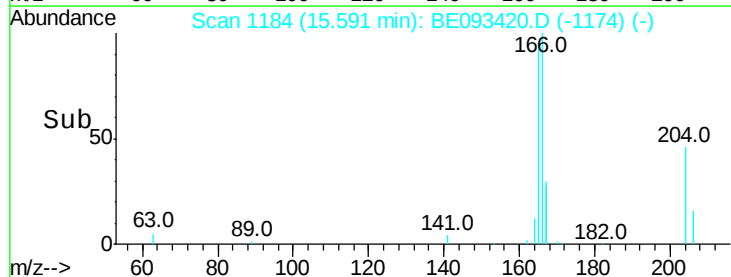
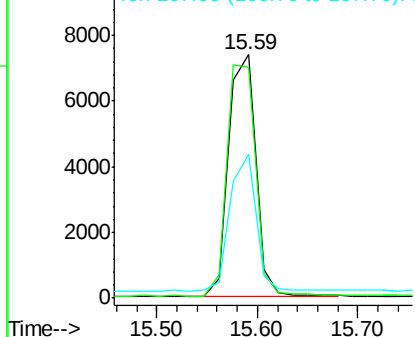


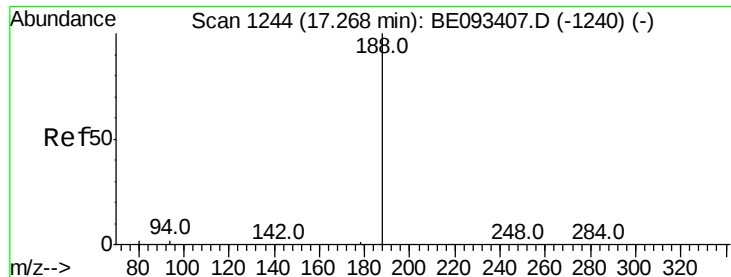
#18
Fluorene
Concen: 0.38 ng
RT: 15.59 min Scan# 1184
Delta R.T. -0.00 min
Lab File: BE093420.D
Acq: 3 Jul 2017 9:18

Tgt Ion:166 Resp: 13835
Ion Ratio Lower Upper
166 100
165 100.0 78.6 117.8
167 54.3 11.1 16.7#



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E





#19

Phenanthrene-d10

Concen: 0.40 ng

RT: 17.27 min Scan# 1244

Delta R.T. -0.00 min

Lab File: BE093420.D

Acq: 3 Jul 2017 9:18

Instrument :

BNA_E

ClientSampleId :

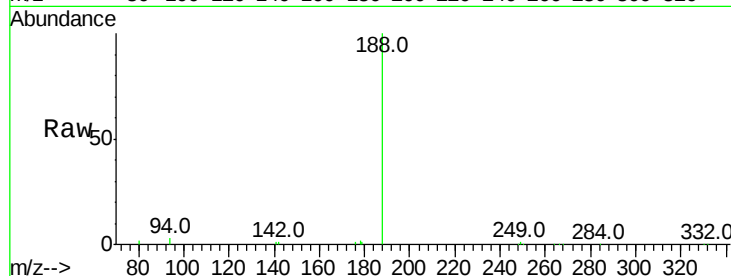
Tot Ion:188 Resp: 26093

Ion Ratio Lower Upper

188 100

94 3.2 11.3 16.9#

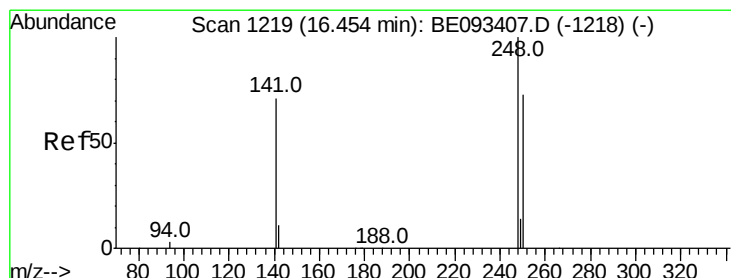
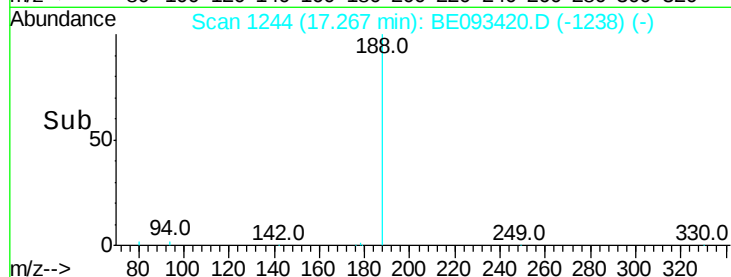
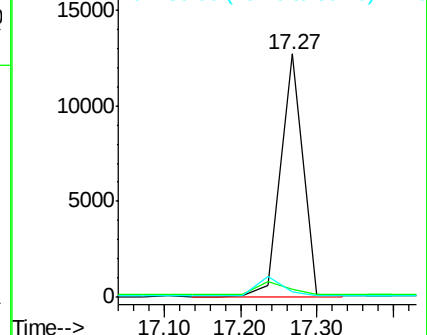
80 2.4 11.7 17.5#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0



#20

4-Bromophenyl-phenylether

Concen: 0.38 ng

RT: 16.45 min Scan# 1219

Delta R.T. -0.00 min

Lab File: BE093420.D

Acq: 3 Jul 2017 9:18

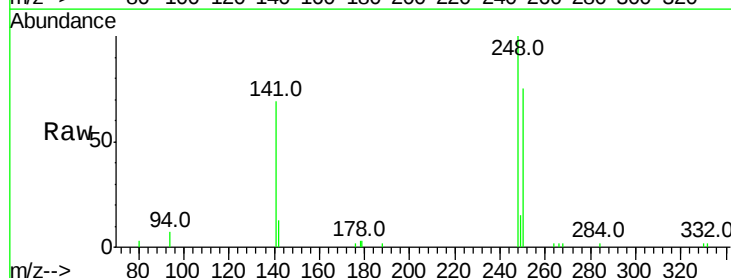
Tgt Ion:248 Resp: 5494

Ion Ratio Lower Upper

248 100

250 74.5 40.8 61.2#

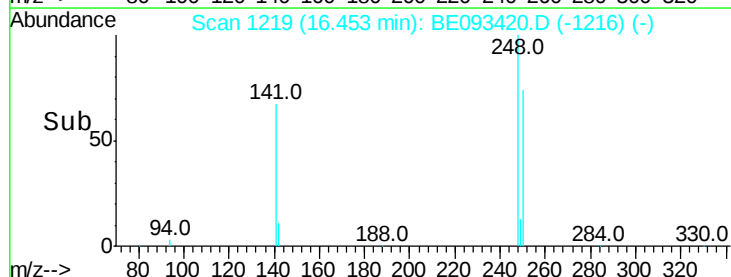
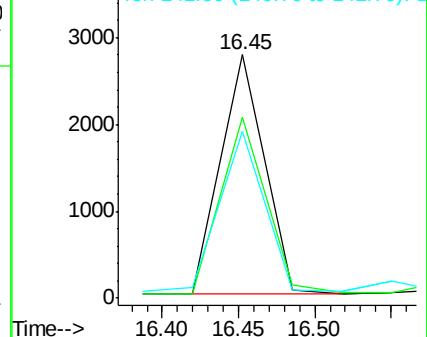
141 68.7 161.6 242.4#

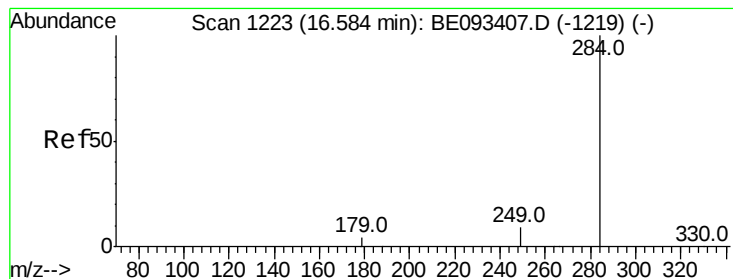


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.37 ng

RT: 16.58 min Scan# 1223

Delta R.T. -0.00 min

Lab File: BE093420.D

Acq: 3 Jul 2017 9:18

Instrument :

BNA_E

ClientSampleId :

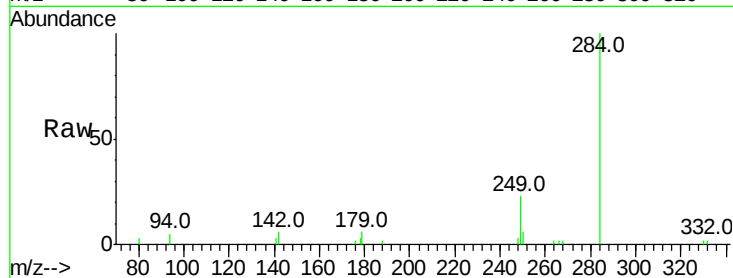
Tot Ion:284 Resp: 5697

Ion Ratio Lower Upper

284 100

142 0.0 0.0 0.0

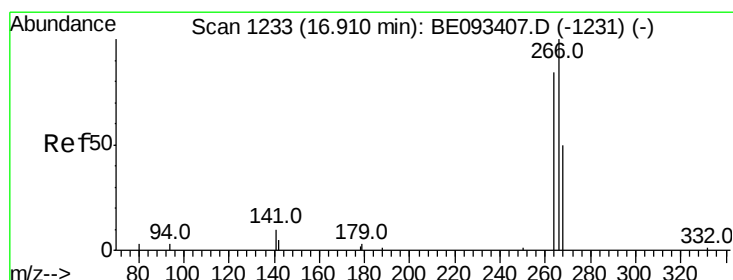
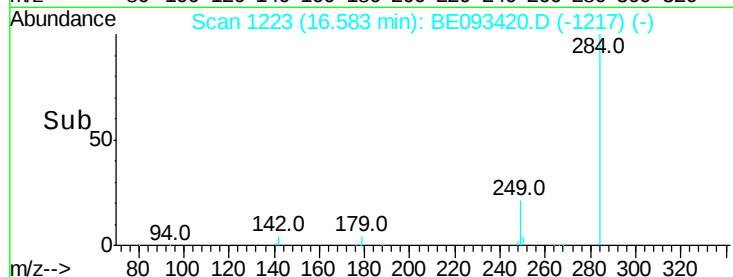
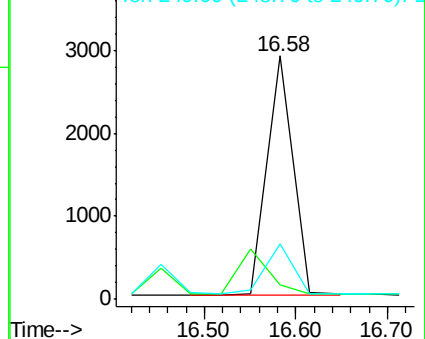
249 22.2 0.0 0.0#



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#22

Pentachlorophenol

Concen: 0.29 ng

RT: 16.91 min Scan# 1233

Delta R.T. -0.00 min

Lab File: BE093420.D

Acq: 3 Jul 2017 9:18

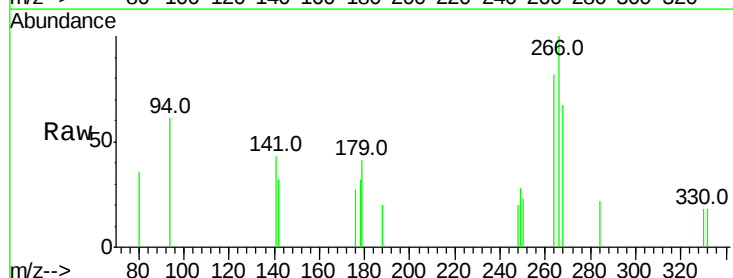
Tgt Ion:266 Resp: 598

Ion Ratio Lower Upper

266 100

264 82.3 58.2 87.2

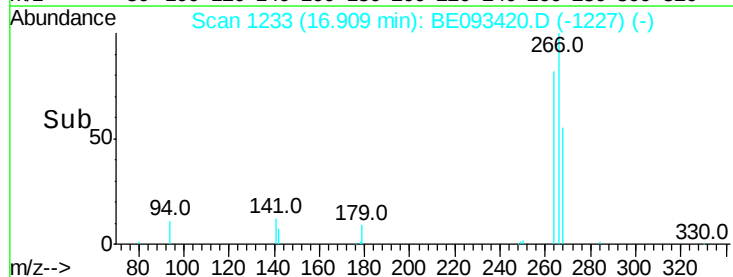
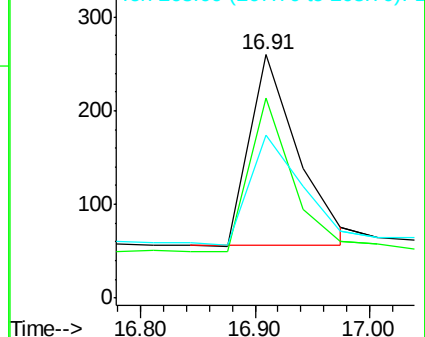
268 66.9 71.9 107.9#

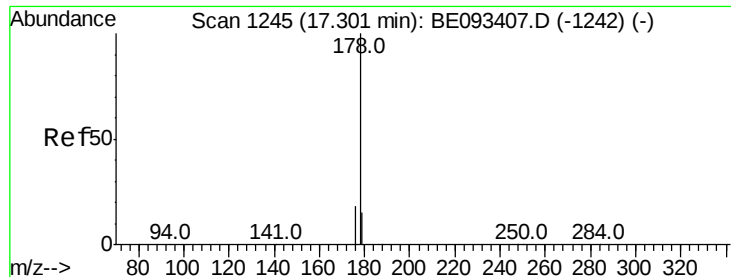


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.38 ng

RT: 17.30 min Scan# 1245

Delta R.T. -0.00 min

Lab File: BE093420.D

Acq: 3 Jul 2017 9:18

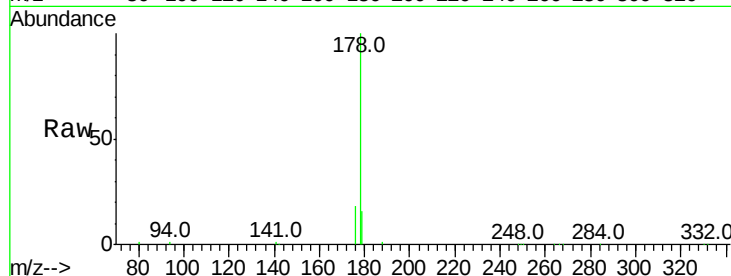
Instrument :

BNA_E

ClientSampleId :

Tot Ion:178 Resp: 36006

Ion	Ratio	Lower	Upper
178	100		
176	17.6	15.0	22.4
179	15.9	12.7	19.1

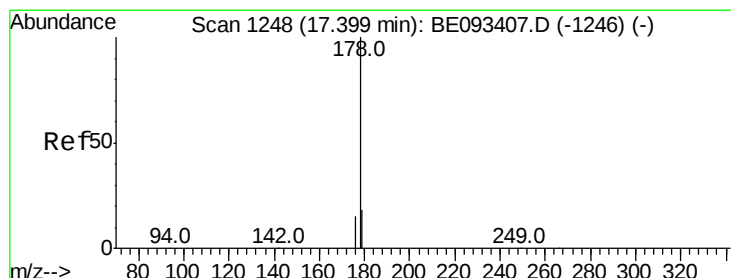
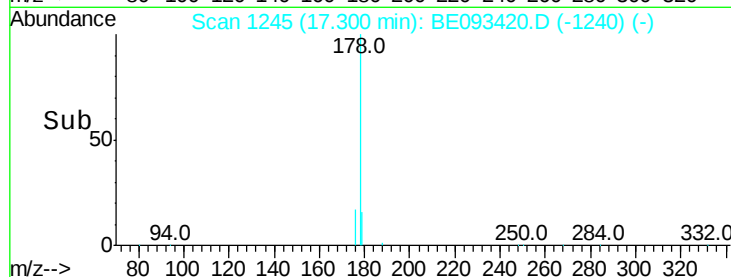
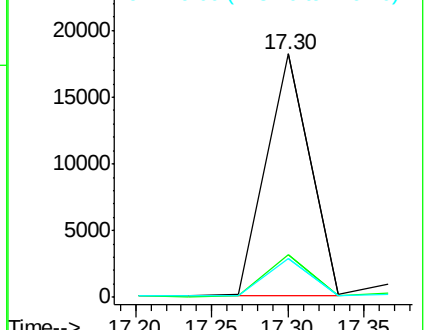


Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#24

Anthracene

Concen: 0.63 ng

RT: 17.30 min Scan# 1245

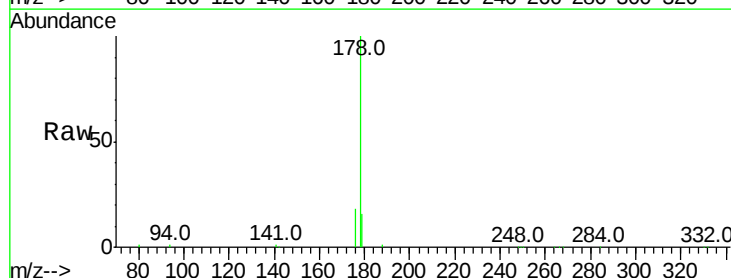
Delta R.T. -0.10 min

Lab File: BE093420.D

Acq: 3 Jul 2017 9:18

Tgt Ion:178 Resp: 36916

Ion	Ratio	Lower	Upper
178	100		
176	17.7	14.6	22.0
179	15.2	12.0	18.0

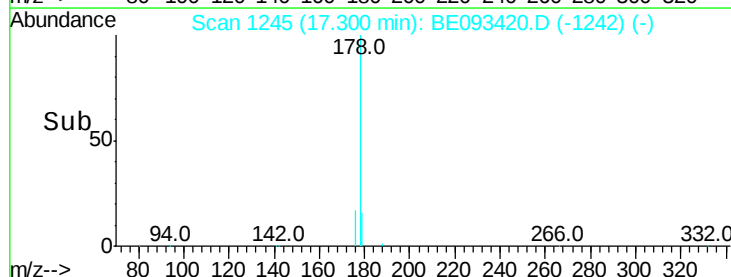
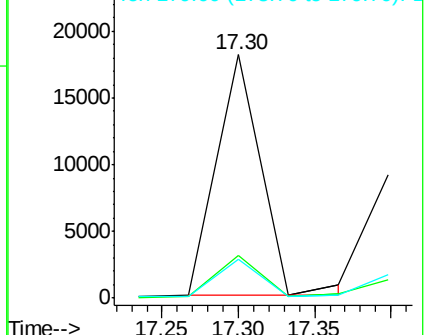


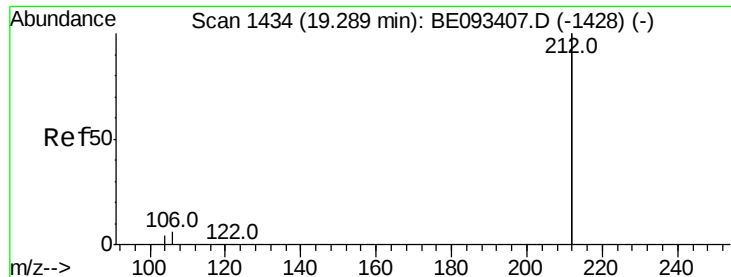
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.39 ng

RT: 19.29 min Scan# 1434

Delta R.T. 0.00 min

Lab File: BE093420.D

Acq: 3 Jul 2017 9:18

Instrument :

BNA_E

ClientSampleId :

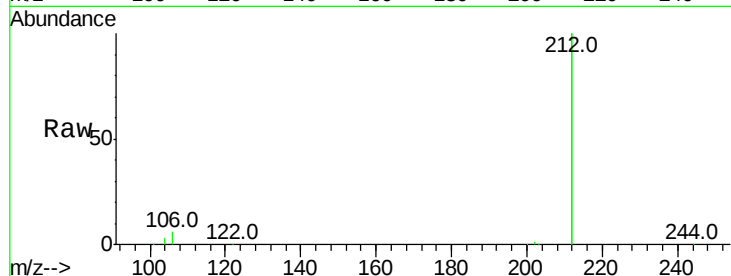
Tot Ion:212 Resp: 121855

Ion Ratio Lower Upper

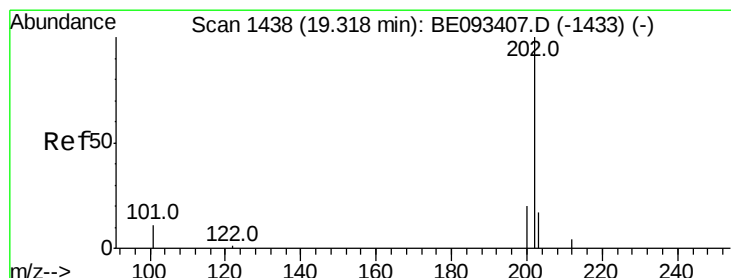
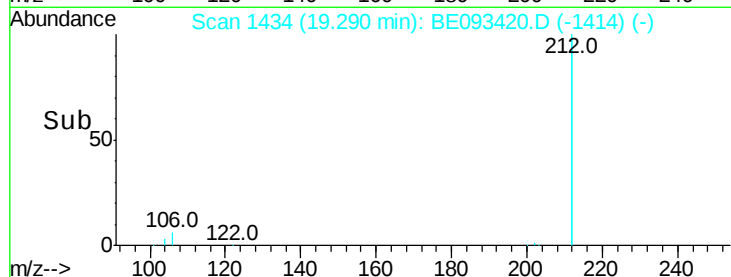
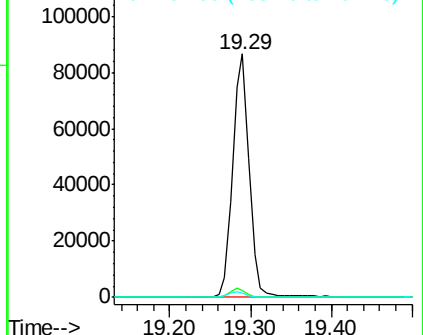
212 100

106 3.6 2.4 3.6

104 2.0 1.6 2.4



Abundance Ion 212.00 (211.70 to 212.70): E
Ion 106.00 (105.70 to 106.70): E
Ion 104.00 (103.70 to 104.70): E



#26

Fluoranthene

Concen: 0.39 ng

RT: 19.32 min Scan# 1438

Delta R.T. 0.00 min

Lab File: BE093420.D

Acq: 3 Jul 2017 9:18

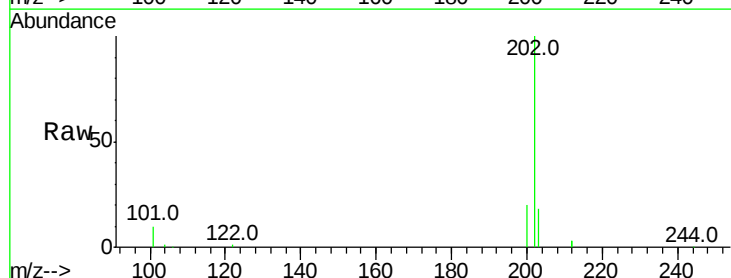
Tgt Ion:202 Resp: 34823

Ion Ratio Lower Upper

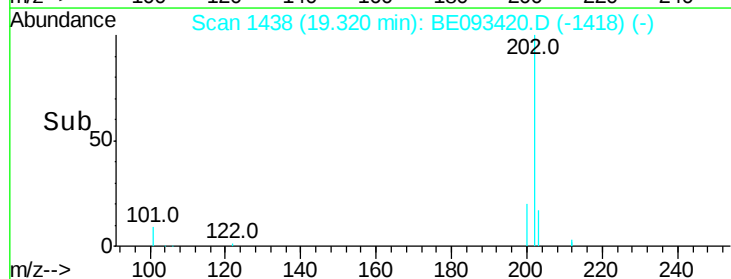
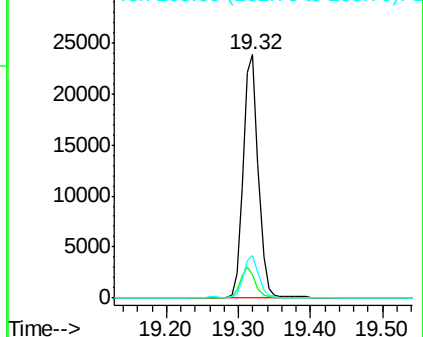
202 100

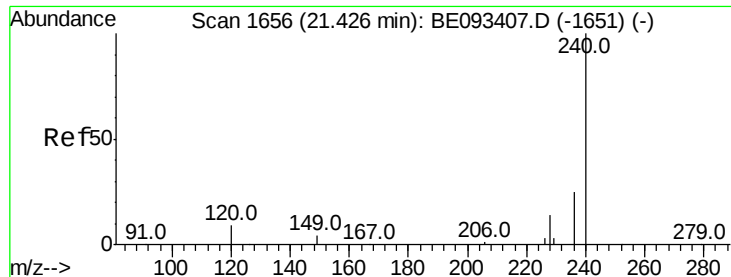
101 12.2 9.6 14.4

203 16.8 14.4 21.6



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





#27

Chrysene-d12

Concen: 0.40 ng

RT: 21.43 min Scan# 1656

Delta R.T. -0.00 min

Lab File: BE093420.D

Acq: 3 Jul 2017 9:18

Instrument :

BNA_E

ClientSampleId :

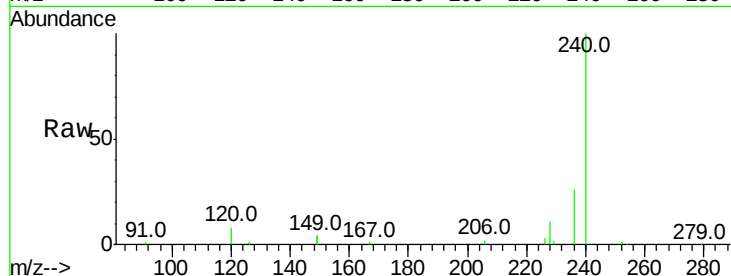
Tot Ion:240 Resp: 35422

Ion Ratio Lower Upper

240 100

120 8.1 4.6 7.0#

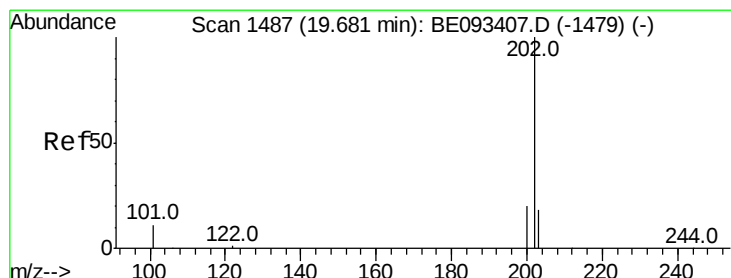
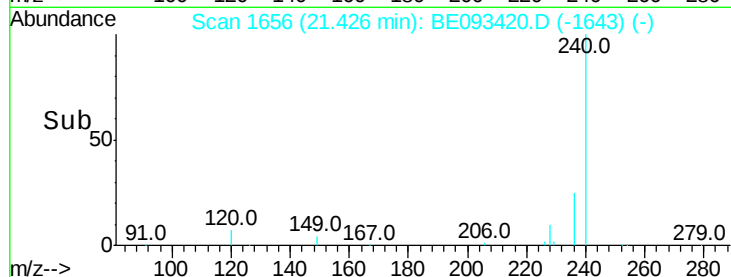
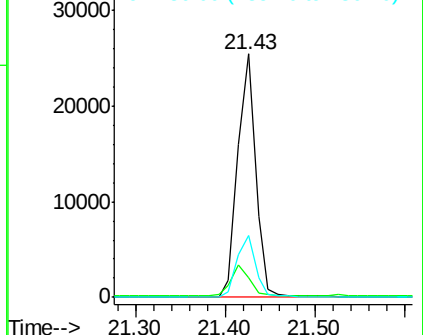
236 25.6 20.8 31.2



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#28

Pyrene

Concen: 0.36 ng

RT: 19.67 min Scan# 1486

Delta R.T. -0.01 min

Lab File: BE093420.D

Acq: 3 Jul 2017 9:18

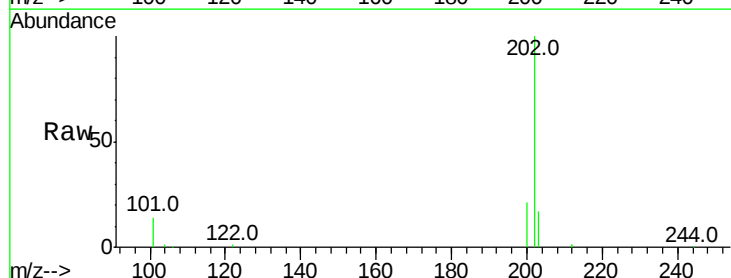
Tgt Ion:202 Resp: 36022

Ion Ratio Lower Upper

202 100

200 21.0 0.0 0.0#

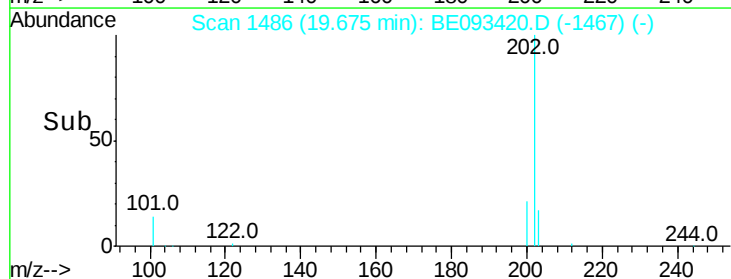
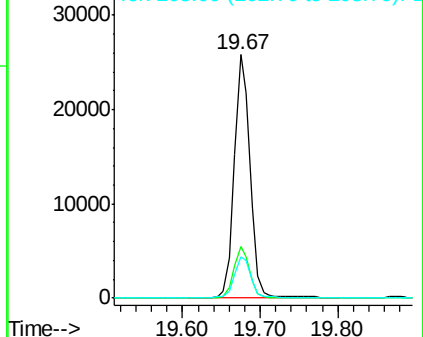
203 17.3 13.7 20.5

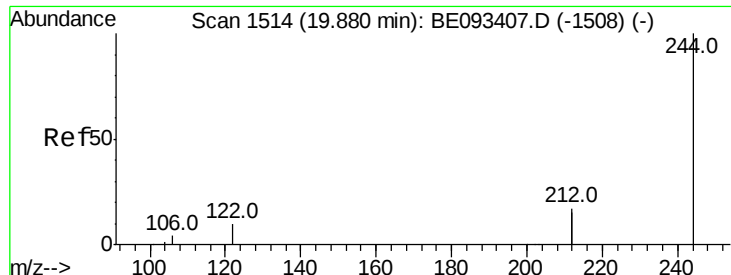


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.37 ng

RT: 19.87 min Scan# 1513

Delta R.T. -0.01 min

Lab File: BE093420.D

Acq: 3 Jul 2017 9:18

Instrument :

BNA_E

ClientSampleId :

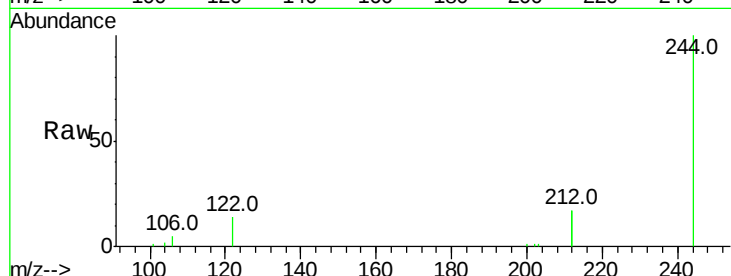
Tot Ion:244 Resp: 23387

Ion Ratio Lower Upper

244 100

212 34.2 10.6 16.0#

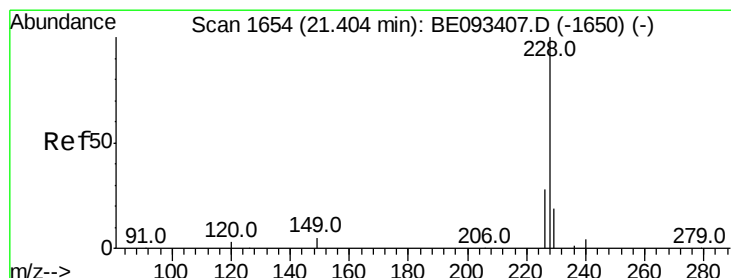
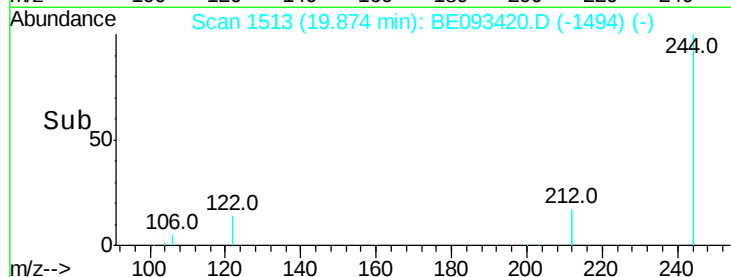
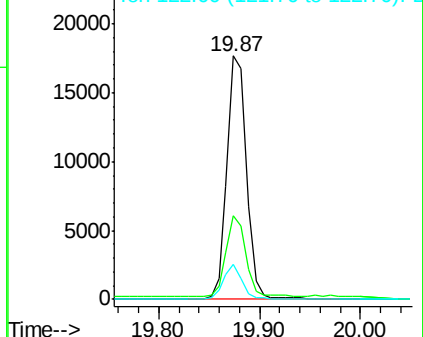
122 14.1 15.4 23.0#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#30

Benzo(a)anthracene

Concen: 0.38 ng

RT: 21.40 min Scan# 1654

Delta R.T. -0.00 min

Lab File: BE093420.D

Acq: 3 Jul 2017 9:18

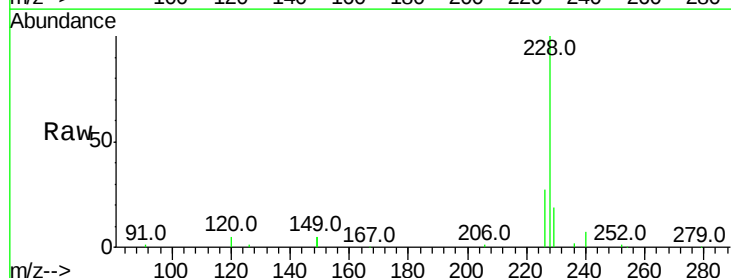
Tgt Ion:228 Resp: 36193

Ion Ratio Lower Upper

228 100

226 27.0 19.7 29.5

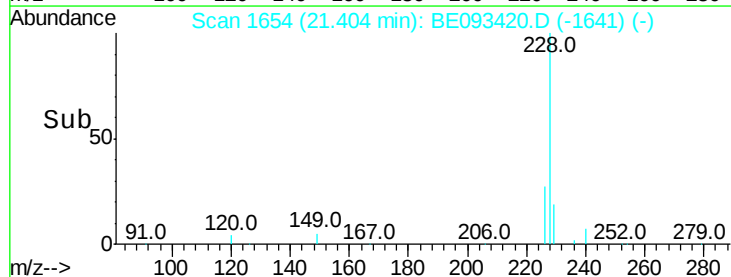
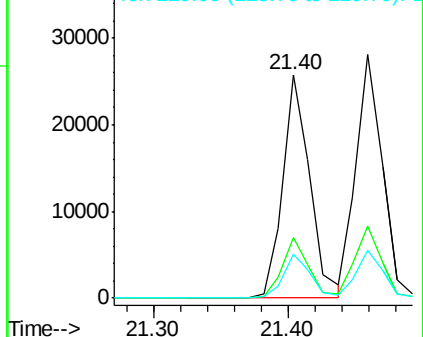
229 19.4 19.2 28.8

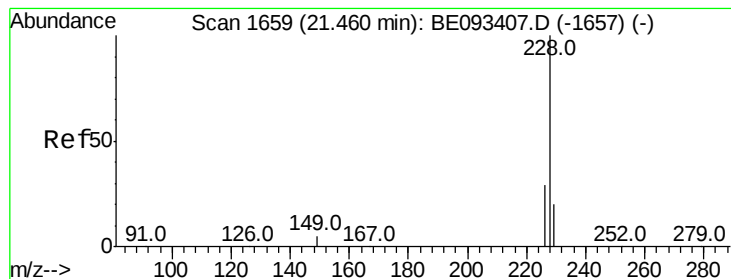


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.39 ng

RT: 21.46 min Scan# 1659

Delta R.T. -0.00 min

Lab File: BE093420.D

Acq: 3 Jul 2017 9:18

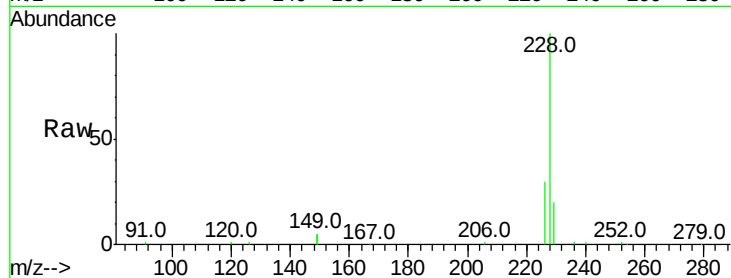
Instrument :

BNA_E

ClientSampleId :

Tot Ion:228 Resp: 38699

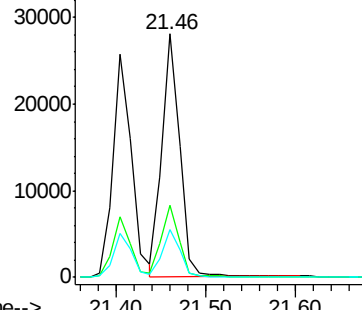
Ion	Ratio	Lower	Upper
228	100		
226	29.6	21.5	32.3
229	19.6	18.6	28.0



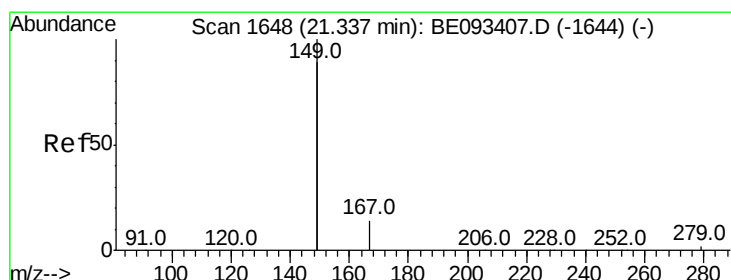
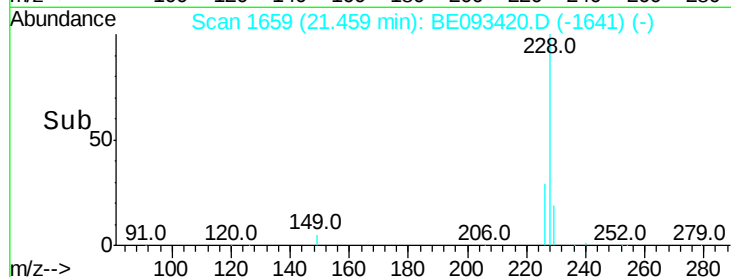
Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



Time-->



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.33 ng

RT: 21.33 min Scan# 1647

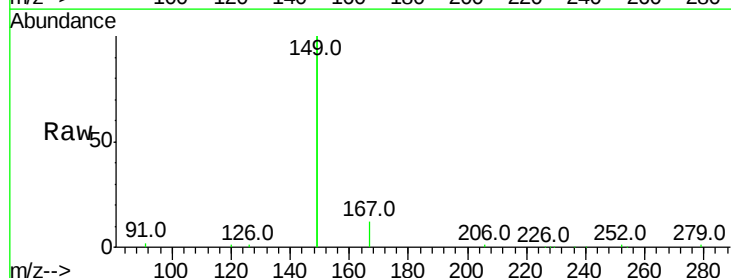
Delta R.T. -0.01 min

Lab File: BE093420.D

Acq: 3 Jul 2017 9:18

Tgt Ion:149 Resp: 46067

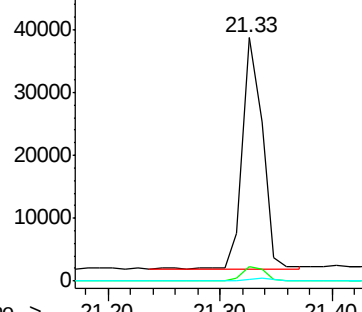
Ion	Ratio	Lower	Upper
149	100		
167	6.6	20.1	30.1#
279	0.9	2.2	3.4#



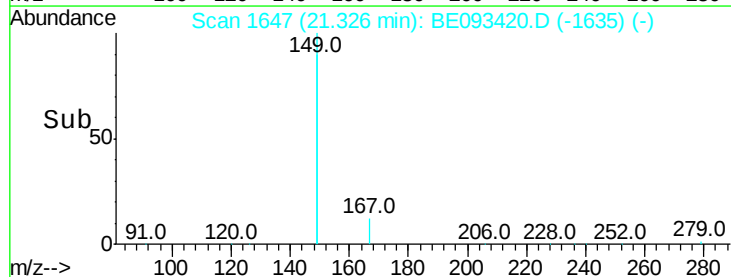
Abundance Ion 149.00 (148.70 to 149.70): E

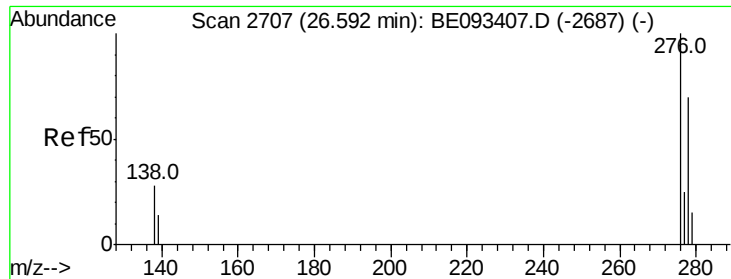
Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



Time-->

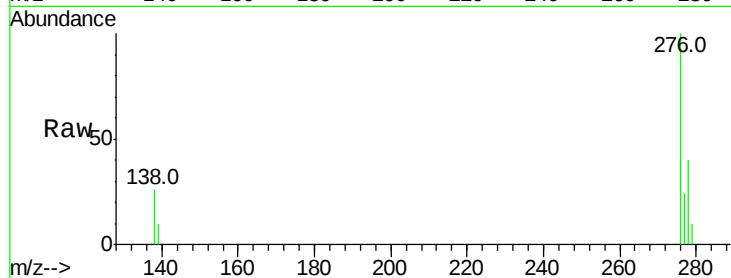




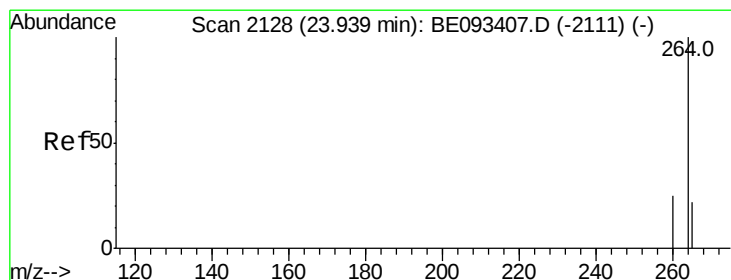
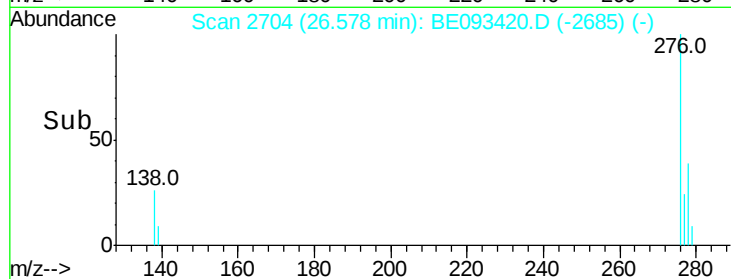
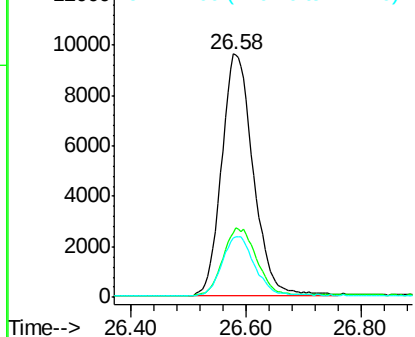
#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.42 ng
 RT: 26.58 min Scan# 2704
 Delta R.T. -0.01 min
 Lab File: BE093420.D
 Acq: 3 Jul 2017 9:18

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:276 Resp: 37094
 Ion Ratio Lower Upper
 276 100
 138 29.4 27.4 41.2
 277 24.7 20.1 30.1

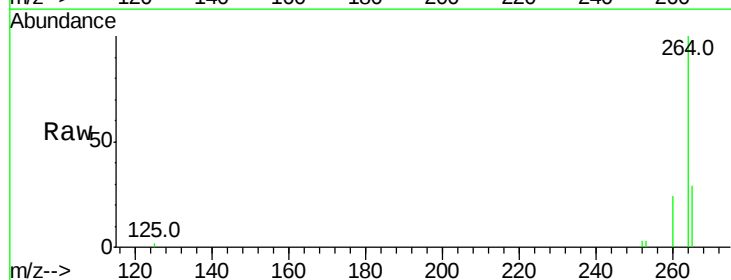


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

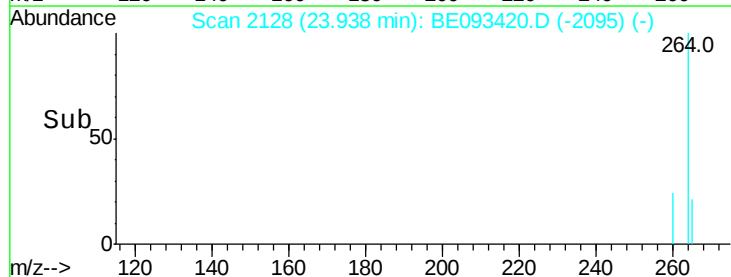
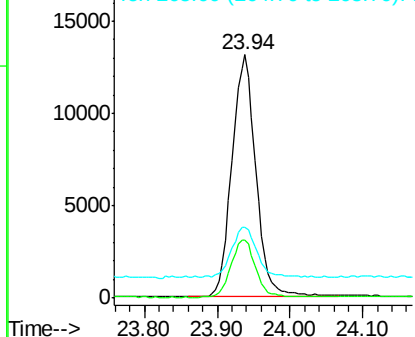


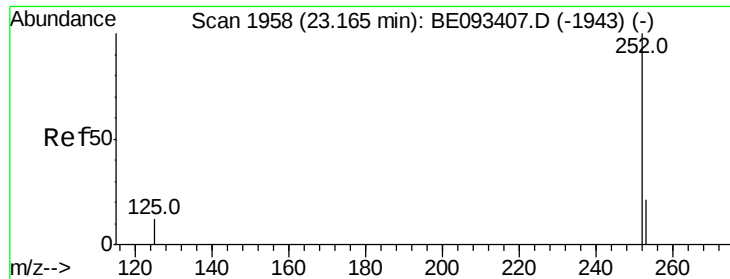
#34
 Perylene-d12
 Concen: 0.40 ng
 RT: 23.94 min Scan# 2128
 Delta R.T. -0.00 min
 Lab File: BE093420.D
 Acq: 3 Jul 2017 9:18

Tgt Ion:264 Resp: 30309
 Ion Ratio Lower Upper
 264 100
 260 23.8 21.0 31.4
 265 29.2 24.6 36.8



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

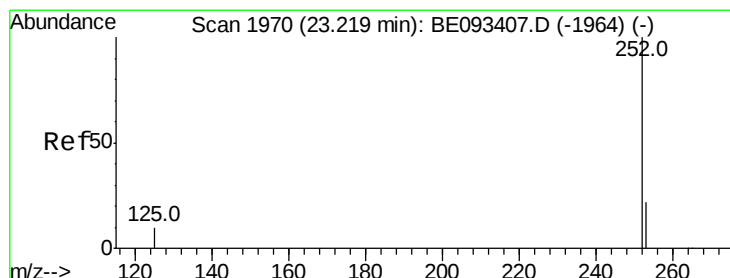
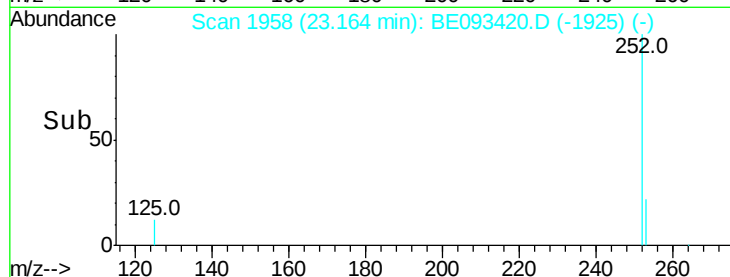
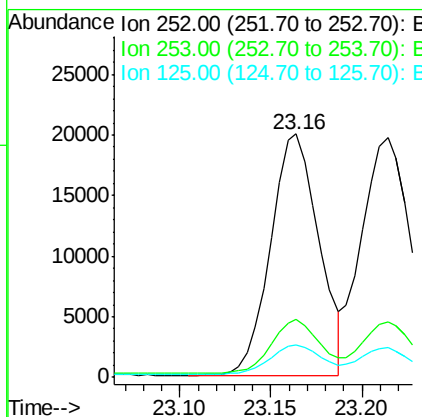
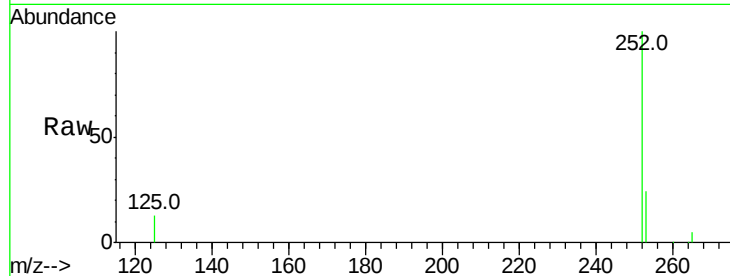




#35
Benzo(b)fluoranthene
Concen: 0.38 ng
RT: 23.16 min Scan# 1958
Delta R.T. -0.00 min
Lab File: BE093420.D
Acq: 3 Jul 2017 9:18

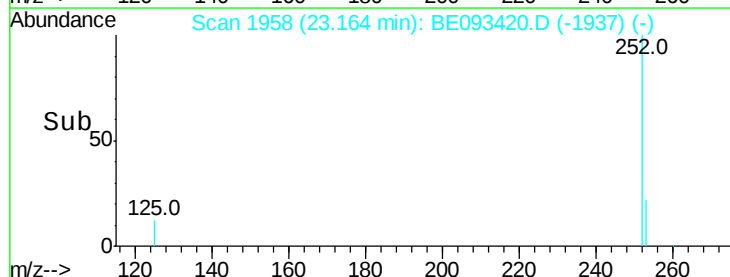
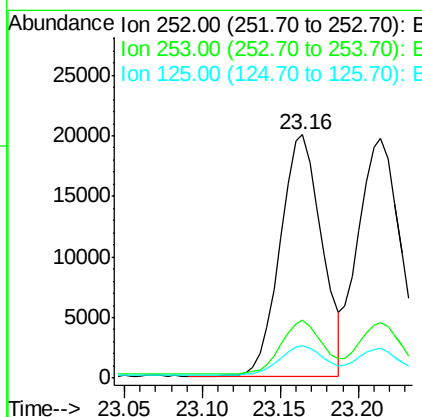
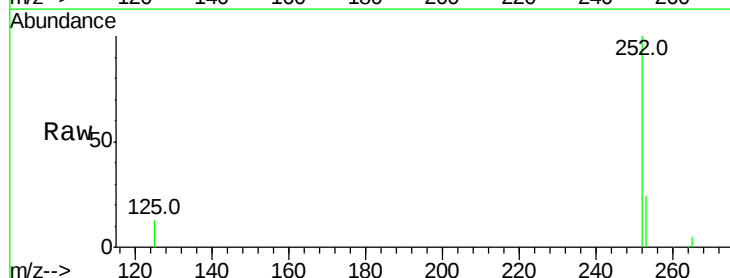
Instrument :
BNA_E
ClientSampleId :

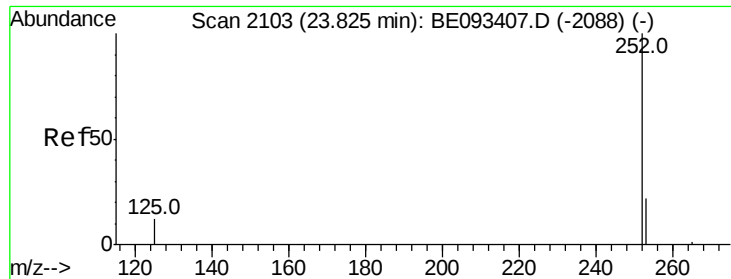
Tot Ion:252 Resp: 36739
Ion Ratio Lower Upper
252 100
253 23.7 18.5 27.7
125 13.3 13.4 20.0#



#36
Benzo(k)fluoranthene
Concen: 0.38 ng
RT: 23.16 min Scan# 1958
Delta R.T. -0.06 min
Lab File: BE093420.D
Acq: 3 Jul 2017 9:18

Tgt Ion:252 Resp: 36758
Ion Ratio Lower Upper
252 100
253 23.7 20.3 30.5
125 13.3 12.2 18.4

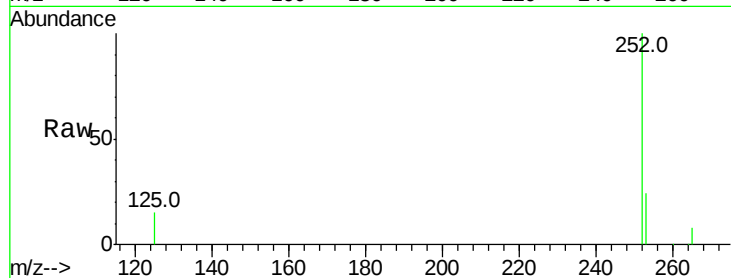




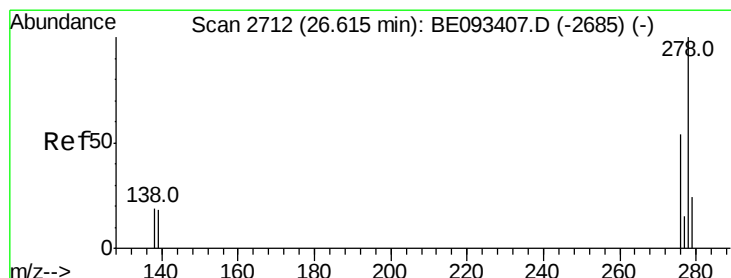
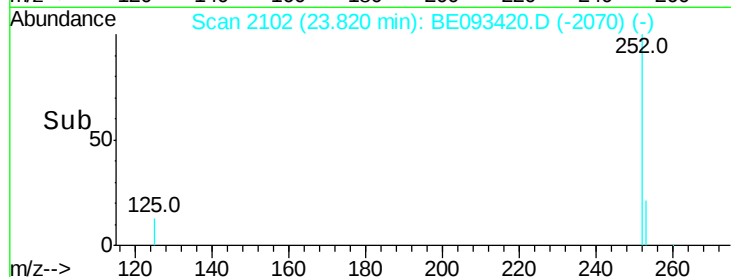
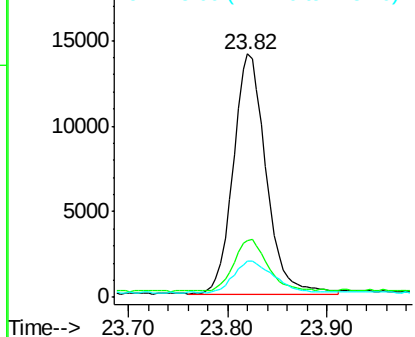
#37
Benzo(a)pyrene
Concen: 0.38 ng
RT: 23.82 min Scan# 2102
Delta R.T. -0.01 min
Lab File: BE093420.D
Acq: 3 Jul 2017 9:18

Instrument :
BNA_E
ClientSampleId :

Tot Ion:252 Resp: 32298
Ion Ratio Lower Upper
252 100
253 23.5 19.9 29.9
125 14.7 14.6 21.8

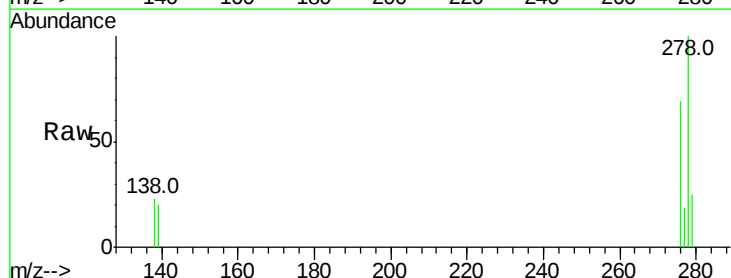


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

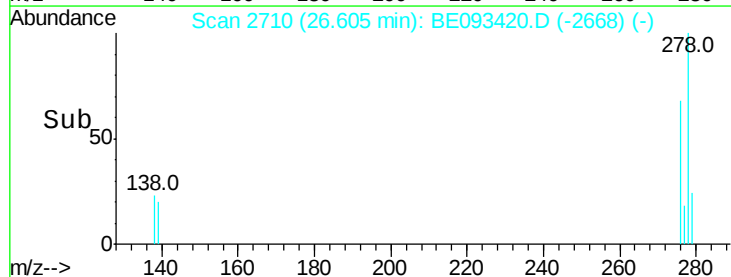
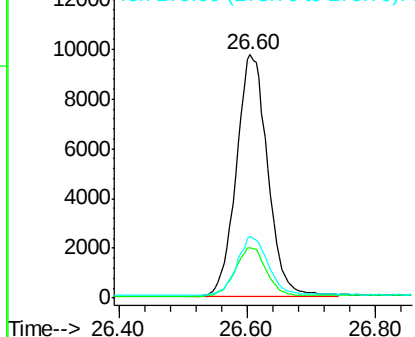


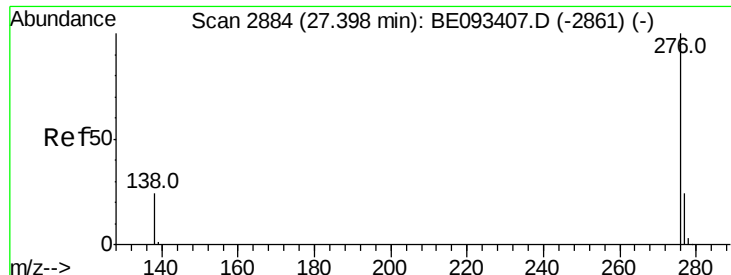
#38
Dibenzo(a,h)anthracene
Concen: 0.40 ng
RT: 26.60 min Scan# 2710
Delta R.T. -0.01 min
Lab File: BE093420.D
Acq: 3 Jul 2017 9:18

Tgt Ion:278 Resp: 33128
Ion Ratio Lower Upper
278 100
139 20.5 21.4 32.0#
279 25.2 22.2 33.2



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#39

Benzo(a,h,i)perylene

Concen: 0.40 ng

RT: 27.40 min Scan# 2884

Delta R.T. -0.00 min

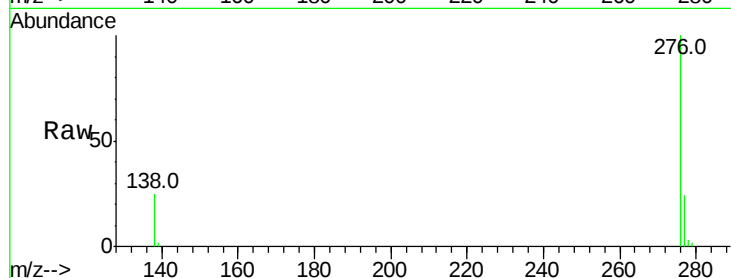
Lab File: BE093420.D

Acq: 3 Jul 2017 9:18

Instrument :

BNA_E

ClientSampleId :



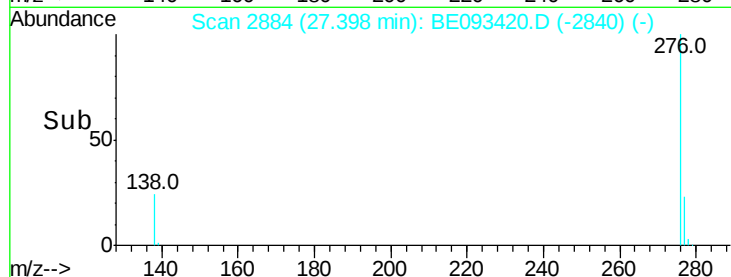
Tot Ion: 276 Resp: 33354

Ion Ratio Lower Upper

276 100

277 23.7 21.2 31.8

138 24.7 24.5 36.7



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

